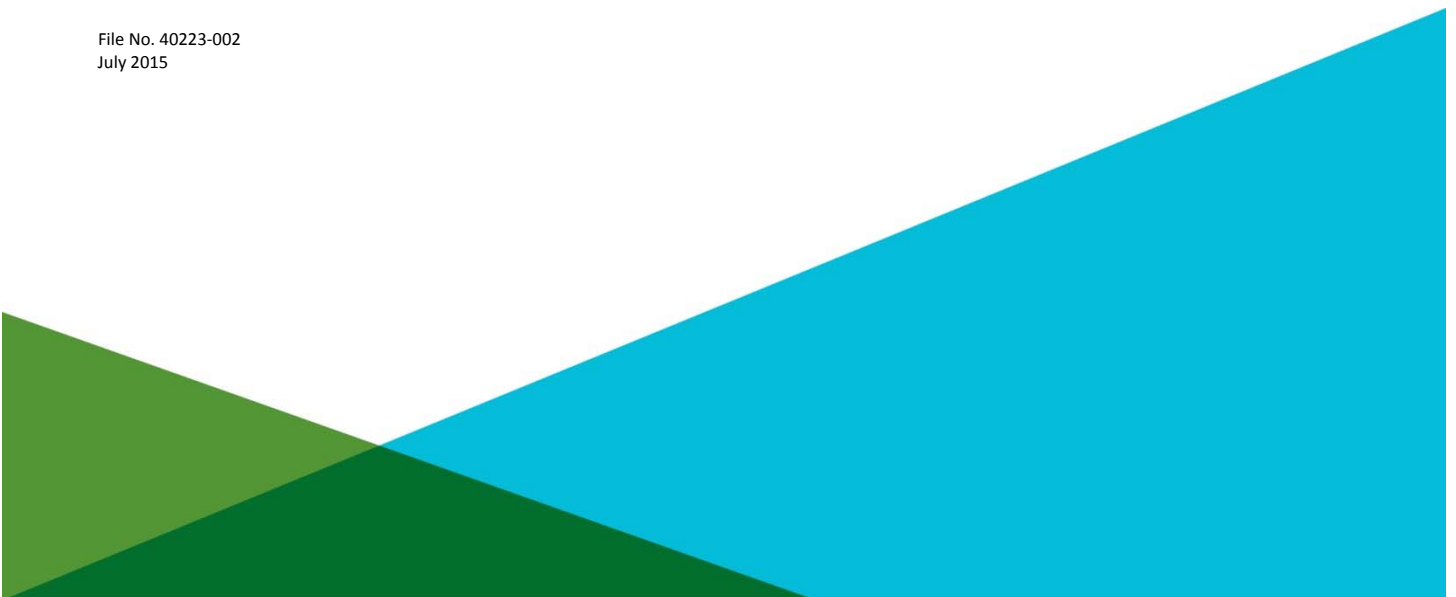


PHASE II SOIL INVESTIGATION REPORT
VOLUNTARY CLEANUP PROGRAM
SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT,
SQUARE 0607, LOT 0013
WASHINGTON, D.C.

by Haley & Aldrich, Inc.
McLean, Virginia

for McKissack & McKissack
Washington, D.C.

File No. 40223-002
July 2015





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31 July 2015
File No. 40223-002

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Attention: Mr. Mark Babbitt, P.E.

Subject: Phase II Soil Investigation Report
Voluntary Cleanup Program
SW Land Holder, LLC, Parcel at Buzzard Point, Square 0607, Lot 0013
Washington, D.C.

Ladies and Gentlemen:

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Phase II Soil Investigation Report (Phase II) for the SW Land Holder, LLC, (Akridge) parcel at Buzzard Point located in Washington, D.C. ([Site]; Figure 1). The objective of this Phase II was to obtain additional data associated with the recognized environmental conditions (RECs) identified in previous investigations to further evaluate the potential impact of chemicals in soil. The targeted RECs were identified in the "Report on ASTM Phase I Environmental Site Assessment and Limited Phase II Subsurface Sampling" prepared by Haley & Aldrich (Haley & Aldrich, 2014). The investigation was conducted in a manner consistent with ASTM E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The conclusions and recommendations provided in this Phase II provide information to support the Cleanup Action Plan that will be prepared to supplement the application for Voluntary Cleanup Program prepared for the District of Columbia Department of General Services.

Background

The Site is comprised of a parking lot and a building used to store end-of-life passenger vehicles and a motorcycle. The Site is surrounded by S Street, SW to the north, 1st Street, SW to the east, T Street, SW to the south, and 2nd Street, SW to the west.

The Site is planned for redevelopment as part of the new D.C. United Soccer Stadium, though no design drawings have yet been prepared for its construction. For the purpose of the Voluntary Cleanup Program application, an excavation of up 10 feet below ground surface (bgs) has been assumed for foundation construction of the proposed stadium. The Phase II considered this depth of excavation to assess soil disposition for foundation construction.

PREVIOUS INVESTIGATIONS

In 1990, Geomatrix, Inc., (Geomatrix) conducted a soil investigation and collected and submitted soil samples for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and xylenes (BTEX), polychlorinated biphenyls (PCBs), and metals analysis (Geomatrix, 1990). Geomatrix concluded that TPH concentrations in soil were fairly well distributed throughout the Site at 0 to 2 feet bgs.

In 2005, Advantage Environmental Consultants, LLC, (AEC) conducted a Phase I ESA and identified three RECs: the historical use of the Site (i.e., coal storage yard, bulk fuel storage facility, and a vehicle fueling station), the adjacent Potomac Electric Power Company property (particularly leaking underground storage tank case #93-051), and the adjacent Super Savage, Inc., property). AEC also conducted a Phase II ESA concurrently with the Phase I and advanced soil borings in a general grid pattern throughout the Site, concentrating sample locations at a former underground storage tank (UST) area at the southern portion of the Site. AEC also installed two temporary monitoring wells for groundwater sample collection and analysis. Soil analytical results indicated that TPH, volatile organic compound (VOC), and PCB concentrations were below applicable screening criteria (AEC, 2005). Groundwater analytical results indicated that VOCs were above applicable screening criteria at one location (AEC, 2005).

In 2014, Haley & Aldrich conducted a Phase I and limited Phase II ESA that identified two RECs from the AEC Phase I ESA (i.e., shallow subsurface petroleum impacts in soil and chlorinated solvents in groundwater) as known RECs and identified the storage building floor drains and adjacent properties as two suspect RECs. During the limited Phase II, soil samples were collected from three targeted REC locations (boring locations GSS-607-13-1, GTW-607-13-2, and GSS-607-13-3); however, the storage building was inaccessible (Haley & Aldrich, 2014). Groundwater samples were also collected at two temporary monitoring wells (locations GTW-607-13-1 and GTW-607-13-2; Haley & Aldrich, 2014). Soil and groundwater sample locations are shown in Figure 2. Soil sample analytical results indicated that diesel range total petroleum hydrocarbons (TPH-DRO), arsenic, and polycyclic aromatic hydrocarbons (PAHs) concentrations were above applicable screening criteria (Haley & Aldrich, 2014). Groundwater analytical results indicated that VOC and TPH concentrations were below applicable screening criteria (Haley & Aldrich, 2014).

SOIL SCREENING LEVELS

Soil sample analytical results were compared to the following screening levels:

- DC Tier 0 Soil Standards from the Tier 0 Standards Final Rulemaking published at 40 DCR 7835, 7892 (12 November 1993), as amended by Final Rulemaking published at 46 DCR 7699 (1 October 1999); and
- Environmental Protection Agency (EPA) Regional Screening Level for Industrial Soil from the EPA Regional Screening Level Tables (May 2014).

As used in this Phase II, “soil screening levels” are the lower of the above screening levels. Soil screening levels were selected for the protection of human health and groundwater quality based on the understanding that the Site will be redeveloped into a professional soccer stadium.

Subsurface Investigation

Soil investigation activities were conducted at the Site between 15 and 24 July 2015 to further evaluate the nature and extent of subsurface soil conditions. These activities were conducted at the following areas of potential concern (AOPCs) shown in Figure 2:

- Historical boring location GSS-607-13-1;
- Historical boring location GTW-607-13-2;
- Historical boring location GSS-607-13-3;
- The storage building area;
- Five former UST areas; and
- The southern Site coverage.

The sample analyses at each location were selected based on the chemicals that exceeded the soil screening levels and/or the chemicals of potential concern (COPCs) associated with the RECs identified during the Phase I ESA activities conducted by AEC and Haley & Aldrich. Soil sample locations are shown in Figure 2.

Groundwater sampling was also conducted at temporary monitoring well locations GTW-607-13-1 and GTW-607-13-2 but the results will be evaluated under separate cover. Laboratory analytical reports for these wells and other temporary wells sampled during this Phase II are provided as Appendix A.

SOIL SAMPLING

Soil samples were collected at depths ranging from 0 to 30 feet bgs using a track-mounted direct-push drill rig. Each boring was continuously logged in accordance with the Unified Soil Classification System; boring logs are provided as Appendix B. Continuous soil cores were collected by driving a hydraulic-percussive stainless steel sampling probe equipped with dedicated acetate tube liners. Soil cores were observed and documented visually for discoloration and screened for VOCs using a photoionization detector (PID). Soil samples were collected from approximately 1, 5, 10, 20, and 30 feet bgs; select depth intervals were adjusted to target indications of chemicals (e.g., visual or olfactory observations, elevated PID measurements). Deeper samples were not collected at some locations because of refusal or poor recovery, as indicated on the boring logs. Samples were collected in laboratory supplied jars, placed in a cooler with ice, and submitted to Alpha Analytical for analysis under standard chain of custody procedures.

Sampling equipment was decontaminated prior to sampling and between sample locations by washing with non-phosphate detergent (e.g., Alconox) solution, followed by rinsing with potable water, and then distilled water. Sampling personnel used disposable nitrile gloves during sampling and changed gloves between each sample location. Decontamination fluids were captured and placed in 55-gallon drums and disposed of off-Site as discussed below.

One field duplicate soil sample was collected for every ten soil samples to evaluate sample homogeneity and laboratory accuracy. The field duplicates were collected, numbered, packaged, and sealed in the same manner as the primary samples. One equipment rinsate sample was collected at the end of each day of sampling and used to evaluate the effectiveness of the decontamination process. Trip blank samples accompanied each sample shipment submitted for VOC analysis to check for potential cross-contamination during shipment.

WASTE PROFILING AND DISPOSAL

Once the drilling was completed, investigation-derived waste soil, decontamination wash water, and purge water were contained on Site in 55-gallon drums and profiled for off-Site disposal by an appropriately-licensed subcontractor.

RESULTS

The following summarizes the sampling results in the previously described AOPCs.

Historical Boring Location GSS-607-13-1

The sample collected at approximately 10 to 15 feet bgs from historical boring location GSS-607-13-1 had reported metals concentrations that exceeded soil screening levels.

Based on the historical results, nine borings were advanced to a depth of 30 feet and 37 samples were collected in this area to provide additional information regarding the extent of metals, PAH, TPH, and BTEX concentrations in soil.

A review of the analytical results of these samples indicated that 13 samples had a reported TPH-DRO concentration that exceeded the soil screening levels; no samples had reported PAH concentrations that exceeded the soil screening levels; and 15 samples had arsenic concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Tables 1 and 2. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided in Appendix A.

Historical Boring Location GTW-607-13-2

The samples collected at approximately 5 to 10 feet bgs from historical boring location GTW-607-13-2 had reported TPH-DRO, PAH, and arsenic concentrations that exceeded soil screening levels.

Based on the historical results, nine borings were advanced to a depth of 30 feet and 45 samples were collected in this area to provide additional information regarding the extent of TPH, PAH, and metals concentrations in soil.

A review of the analytical results of these samples indicated that 13 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; five samples had reported PAH concentrations that exceeded the soil screening levels; and 15 samples had arsenic concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Table 1. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided in Appendix A.

Historical Boring Location GSS-607-13-3

The samples collected at approximately 0 to 2 feet bgs from historical boring location GSS-607-13-3 had reported TPH-DRO concentrations that exceeded soil screening levels.

Based on the historical results, nine borings were advanced to a depth of 30 feet and 44 samples were collected in this area to provide additional information regarding the extent of PAH and TPH concentrations in soil.

A review of the analytical results of these samples indicated that 21 samples had reported TPH-DRO concentrations that exceeded the soil screening levels and 15 samples had reported PAH concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Table 1. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided as Appendix A.

Storage Building Area

Five borings targeting the floor drains were advanced within the storage building to a depth of 30 feet and 23 samples were collected to investigate TPH, PAH, and metals concentrations in soil based on the COPCs associated with the storage building and associated staining.

A review of the analytical data results for these samples indicated that 7 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; 4 samples had reported PAH concentrations that exceeded the soil screening levels; and 21 samples had reported arsenic concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Table 1. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided as Appendix A.

Five Former UST Areas

Twenty-three borings were advanced at the five former UST areas to a depth of 30 feet and 115 samples were collected to investigate metals, PAH, TPH, and BTEX concentrations in soil. Sample DP-105-SO-100-01 was also analyzed for VOCs based on the TPH-GRO results of 130 milligrams per kilogram.

A review of the analytical results of these samples indicated that 40 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; 1 sample had a reported TPH-GRO concentration that exceeded the soil screening levels; 11 samples had reported PAH concentrations that exceeded the

soil screening levels; 23 samples had reported arsenic concentrations that exceeded the soil screening levels; and 1 sample had a reported lead concentration that exceeded the soil screening level. Analytical results and chemicals that exceeded the soil screening levels are identified in Tables 1 and 2. Boring and sample locations that exceed the soil screening levels are shown in Figure 1. Laboratory analytical reports are provided as Appendix A.

Southern Site Coverage

One boring was advanced to a depth of 30 feet and five samples were collected in the southern portion of the Site to investigate PAH and TPH concentrations in soil.

A review of the analytical results of these samples indicated that one sample had reported TPH-DRO concentration that exceeded the soil screening levels, and no samples had reported PAH concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Table 1. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided as Appendix A.

Summary and Recommendations

In summary, soil samples were collected to evaluate and delineate the presence of chemicals at the five identified RECs associated with the Site. The following is recommended:

- Prepare a Site-specific background metals evaluation;
- Prepare a soil management plan to guide the foundation excavation environmental monitoring process; and
- Implement the soil management plan and provide environmental oversight during the preparatory foundation construction activities and ensure that the soil is properly segregated and disposed of off-site.

Based on the analytical results collected to date, soil remediation may be required for the protection of human health for the on-Site construction worker and future occupant and to reduce the threat to groundwater quality. The potential order of magnitude for excavating soil at areas that exceeded the soil screening levels identified at the six on-Site AOPCs range from \$450,000 to \$7,100,000. These costs and their associated assumptions are summarized in Table 3. The soil screening levels used to evaluate impacts at the Site do not account for cumulative health risks. These costs also exclude groundwater mitigation and/or vapor intrusion mitigation that may be required to reduce the threat to human health when constructing the stadium.

The potential order of magnitude costs for soil remediation are based on the available data (i.e., sample locations with chemicals in soil that exceed the soil screening levels), and an understanding that there is no time in the redevelopment schedule for additional delineation sampling, a background metals evaluation, or a human health risk assessment, which may affect the soil remediation feasibility and cost.

Limitations

All recommendations are based solely on existing Site conditions at the time of performance of services. Haley & Aldrich is unable to report on, or accurately predict events that may impact the Site following preparation of this document, whether naturally occurring or caused by external forces. The recommendations provided by Haley & Aldrich are based solely on the scope of work conducted and the sources of information referenced in this document. Services hereunder were performed in accordance with our agreement and understanding with, and solely for the use of McKissack & McKissack. Any additional information that becomes available concerning this Site should be provided to Haley & Aldrich so that any further recommendations may be reviewed and modified as necessary. Haley & Aldrich is not responsible for the subsequent separation, detachment, or partial use of this document. No warranty or guarantee, whether expressed or implied, is made with respect to the recommendations expressed in this report. Any reliance on this report by a third party shall be at such party's sole risk.

We appreciate the opportunity to provide consulting services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.



Dana L. Kennard
Assistant Project Manager



David A. Schoenwolf, P.E.
Principal Consultant | Senior Vice President

Attachments:

- Table 1 – Summary of Soil Sample Analytical Results – Metals, PAHs, PCBs, and TPH
- Table 2 – Summary of Groundwater Sample Analytical Results – VOCs
- Table 3 – Order of Magnitude Soil Remediation Costs
- Figure 1 – Site Locus
- Figure 2 – Sample Locations and Exceedances
- Appendix A – Laboratory Analytical Reports
- Appendix B – Boring Logs

References

1. Advantage Environmental Consultants, LLC, 2005b. Phase II Environmental Site Assessment, Buzzard Point, 2nd Street and V Street, SW, Washington, DC 20024. 10 June.
2. Geomatrix, Inc., 1990. Assessment of Buzzard Point Properties.
3. Haley & Aldrich, Inc., 2014. Report on ASTM Phase I Environmental Site Assessment and Limited Phase II Subsurface Sampling, Akridge Parcel at Buzzard Point, Square 0607, Lot 0013 SW Washington, D.C. 08 January.

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-095 07/15/2015 DP-095-SO-010-01 Primary 1	DP-095 07/15/2015 DP-095-SO-050-01 Primary 5	DP-095 07/15/2015 DP-095-SO-100-01 Primary 10	DP-095 07/15/2015 DP-095-SO-200-01 Primary 20	DP-095 07/15/2015 DP-095-SO-300-01 Primary 30	DP-096 07/16/2015 DP-096-SO-010-01 Primary 1	DP-096 07/16/2015 DP-096-SO-010-02 Duplicate 1	DP-096 07/16/2015 DP-096-SO-050-01 Primary 5	DP-096 07/16/2015 DP-096-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	8,600	8,400	9,900	12,000	9,500	10,000	9,100	8,300	7,000
Antimony	-	470	< 4.3	< 4.4	< 4.5	< 4.5	< 4.7	< 4.2	< 4.1	< 4.4	< 4.5
Arsenic	-	3	4.0	4.0	5.4	6.2	1.2	7.3	5.8	3.8	9.9
Barium	-	220000	63	64	83	97	71	63	65	59	80
Beryllium	-	2300	0.43	0.52	0.79	0.82	0.53	0.53	0.55	0.63	0.49
Cadmium	-	980	< 0.85	< 0.88	< 0.90	< 0.90	< 0.93	< 0.84	< 0.82	< 0.88	< 0.90
Calcium	-	-	1,800	2,000	2,300	260	370	5,000	4,800	1,400	11,000
Chromium	-	-	14	13	16	19	15	16	16	15	12
Cobalt	-	350	6.6	6.1	8.6	11	6.4	7.8	8.3	9.3	7.0
Copper	-	47000	15	12	15	15	11	17	15	16	18
Iron	-	820000	16,000	16,000	46,000	24,000	11,000	21,000	17,000	16,000	16,000
Lead	-	800	36	30	< 4.5	2.3 J	4.4 J	30	22	2.4 J	130
Magnesium	-	-	1,300	980	2,300	2,600	2,300	1,500	1,500	1,800	2,200
Manganese	-	26000	150	110	590	300	58	240	220	130	290
Mercury	-	40	0.15	0.18	0.050 J	0.020 J	< 0.080	0.13	0.08	0.060 J	0.10
Nickel	-	22000	9.5	7.8	13	15	13	12	11	14	9.2
Potassium	-	-	480	520	510	460	420	520	530	500	520
Selenium	-	5800	< 1.7	< 1.8	< 1.8	< 1.8	< 1.9	< 1.7	< 1.6	< 1.8	< 1.8
Silver	-	5800	< 0.85	< 0.88	< 0.90	< 0.90	< 0.93	< 0.84	< 0.82	< 0.88	< 0.90
Sodium	-	-	61 J	87 J	110 J	600	280	54 J	73 J	40 J	120 J
Thallium	-	12	< 1.7	< 1.8	< 1.8	< 1.8	< 1.9	< 1.7	< 1.6	< 1.8	< 1.8
Vanadium	-	5800	23	22	20	26	16	26	24	22	20
Zinc	-	350000	47	34	48	52	40	54	48	47	40
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	< 0.19	< 0.20	< 0.20	< 0.19	< 0.18	< 0.18	< 0.18	< 0.19
2-Methylnaphthalene	-	3000	< 0.22	< 0.23	< 0.24	< 0.24	< 0.23	< 0.22	< 0.22	< 0.22	< 0.23
Acenaphthene	-	45000	< 0.14	< 0.15	< 0.16	< 0.16	< 0.15	0.083 J	< 0.14	< 0.15	< 0.15
Acenaphthylene	-	-	< 0.14	< 0.15	< 0.16	< 0.16	< 0.15	0.059 J	0.042 J	< 0.15	< 0.15
Anthracene	-	230000	0.053 J	< 0.12	< 0.12	< 0.12	< 0.12	0.22	0.10 J	< 0.11	< 0.12
Benzo(a)anthracene	-	2.9	0.23	0.089 J	< 0.12	< 0.12	< 0.12	0.72	0.38	< 0.11	< 0.12
Benzo(a)pyrene	-	0.29	0.22	0.073 J	< 0.16	< 0.16	< 0.15	0.71	0.36	< 0.15	< 0.15
Benzo(b)fluoranthene	-	2.9	0.30	0.089 J	< 0.12	< 0.12	< 0.12	0.92	0.48	< 0.11	< 0.12
Benzo(g,h,i)perylene	-	-	0.16	0.040 J	< 0.16	< 0.16	< 0.15	0.45	0.24	< 0.15	< 0.15
Benzo(k)fluoranthene	-	29	0.10 J	0.037 J	< 0.12	< 0.12	< 0.12	0.41	0.17	< 0.11	< 0.12
Chrysene	-	290	0.22	0.086 J	< 0.12	< 0.12	< 0.12	0.73	0.38	< 0.11	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.044 J	< 0.12	< 0.12	< 0.12	< 0.12	0.12	0.059 J	< 0.11	< 0.12
Fluoranthene	-	30000	0.43	0.15	0.075 J	< 0.12	< 0.12	1.4	0.66	< 0.11	0.056 J
Fluorene	-	30000	< 0.18	< 0.19	< 0.20	< 0.20	< 0.19	0.070 J	< 0.18	< 0.18	< 0.19
Indeno(1,2,3-cd)pyrene	-	2.9	0.17	0.047 J	< 0.16	< 0.16	< 0.15	0.50	0.24	< 0.15	< 0.15
Naphthalene	-	17	< 0.18	< 0.19	< 0.20	< 0.20	< 0.19	< 0.18	< 0.18	< 0.18	< 0.19

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-095 07/15/2015 DP-095-SO-010-01 Primary 1	DP-095 07/15/2015 DP-095-SO-050-01 Primary 5	DP-095 07/15/2015 DP-095-SO-100-01 Primary 10	DP-095 07/15/2015 DP-095-SO-200-01 Primary 20	DP-095 07/15/2015 DP-095-SO-300-01 Primary 30	DP-096 07/16/2015 DP-096-SO-010-01 Primary 1	DP-096 07/16/2015 DP-096-SO-010-02 Duplicate 1	DP-096 07/16/2015 DP-096-SO-050-01 Primary 5	DP-096 07/16/2015 DP-096-SO-100-01 Primary 10
Phenanthrene	-	-	0.19	0.087 J	0.068 J	< 0.12	< 0.12	0.81	0.35	< 0.11	0.049 J
Pyrene	-	23000	0.39	0.14	0.059 J	< 0.12	< 0.12	1.2	0.6	< 0.11	0.048 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.6	< 2.9	< 2.7	< 2.9	< 2.9	< 2.7	< 2.6	< 2.7	< 2.9
Diesel Range Organics (C9-C44)	100	-	72.0	66.9	5.44 J	5.74 J	6.82 J	128	130	17.6 J	11.4 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-096 07/16/2015 DP-096-SO-200-01 Primary 20	DP-096 07/16/2015 DP-096-SO-300-01 Primary 30	DP-097 07/16/2015 DP-097-SO-010-01 Primary 1	DP-097 07/16/2015 DP-097-SO-050-01 Primary 5	DP-097 07/16/2015 DP-097-SO-100-01 Primary 10	DP-097 07/16/2015 DP-097-SO-200-01 Primary 20	DP-098 07/16/2015 DP-098-SO-010-01 Primary 1	DP-098 07/16/2015 DP-098-SO-050-01 Primary 5	DP-098 07/16/2015 DP-098-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	12,000	10,000	7,600	8,800	9,200	12,000	6,100	7,000	9,000
Antimony	-	470	< 4.7	< 4.6	< 4.3	< 4.5	< 4.8	< 4.6	< 4.0	< 4.4	< 4.6
Arsenic	-	3	6.2	1.8	5.5	6.4	15	6.2	3.9	4.1	5.3
Barium	-	220000	190	71	57	58	76	66	41	69	80
Beryllium	-	2300	0.68	0.60	0.46	0.53	0.63	0.80	0.31 J	0.70	0.58
Cadmium	-	980	< 0.93	< 0.92	< 0.85	< 0.90	0.090 J	< 0.93	< 0.81	0.090 J	< 0.93
Calcium	-	-	260	430	5,100	4,900	1,400	320	3,200	2,200	1,000
Chromium	-	-	18	19	16	15	34	18	13	13	16
Cobalt	-	350	14	9.4	6.6	7.4	15	6.6	4.2	11	9.2
Copper	-	47000	14	14	16	18	60	14	12	22	15
Iron	-	820000	21,000	11,000	18,000	19,000	40,000	23,000	10,000	12,000	18,000
Lead	-	800	< 4.7	6.5	24	26	4.2 J	< 4.6	22	70	16
Magnesium	-	-	2,600	2,500	1,400	1,800	2,400	2,700	1,100	1,100	2,000
Manganese	-	26000	480	86	160	220	830	250	100	140	120
Mercury	-	40	< 0.080	0.020 J	0.065 J	0.13	< 0.080	< 0.080	0.040 J	0.16	0.060 J
Nickel	-	22000	16	15	13	12	30	16	7.8	14	14
Potassium	-	-	550	460	490	510	520	470	390	490	510
Selenium	-	5800	< 1.9	< 1.8	< 1.7	< 1.8	< 1.9	< 1.8	< 1.6	< 1.8	< 1.8
Silver	-	5800	< 0.93	< 0.92	< 0.85	< 0.90	< 0.96	< 0.93	< 0.81	< 0.88	< 0.93
Sodium	-	-	500	350	94 J	84 J	220	570	24 J	44 J	68 J
Thallium	-	12	< 1.9	< 1.8	< 1.7	< 1.8	< 1.9	< 1.8	< 1.6	< 1.8	< 1.8
Vanadium	-	5800	22	27	22	23	28	28	19	20	22
Zinc	-	350000	55	50	71	64	140	55	38	67	54
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.20	< 0.19	< 0.18	< 0.19	< 0.20
2-Methylnaphthalene	-	3000	< 0.24	< 0.23	< 0.23	< 0.23	< 0.24	< 0.23	< 0.22	< 0.23	< 0.24
Acenaphthene	-	45000	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	0.12 J	< 0.15	< 0.16
Acenaphthylene	-	-	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.14	< 0.15	< 0.16
Anthracene	-	230000	< 0.12	< 0.12	0.043 J	0.13	< 0.12	< 0.12	0.29	0.036 J	0.043 J
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	0.18	0.92	< 0.12	< 0.12	0.68	0.16	0.093 J
Benzo(a)pyrene	-	0.29	< 0.16	< 0.15	0.16	0.98	< 0.16	< 0.15	0.6	0.15	0.073 J
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	0.21	1.1	< 0.12	< 0.12	0.75	0.18	0.088 J
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.15	0.11 J	0.62	< 0.16	< 0.15	0.36	0.096 J	0.042 J
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	0.084 J	0.31	< 0.12	< 0.12	0.29	0.080 J	< 0.12
Chrysene	-	290	< 0.12	< 0.12	0.16	0.96	< 0.12	< 0.12	0.6	0.14	0.080 J
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	< 0.11	0.14	< 0.12	< 0.12	0.10 J	< 0.11	< 0.12
Fluoranthene	-	30000	< 0.12	< 0.12	0.41	1.5	< 0.12	< 0.12	1.6	0.28	0.22
Fluorene	-	30000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.20	< 0.19	0.11 J	< 0.19	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.15	0.11 J	0.60	< 0.16	< 0.15	0.42	0.11 J	0.044 J
Naphthalene	-	17	< 0.20	< 0.19	< 0.19	0.066 J	< 0.20	< 0.19	< 0.18	< 0.19	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-096 07/16/2015 DP-096-SO-200-01 Primary 20	DP-096 07/16/2015 DP-096-SO-300-01 Primary 30	DP-097 07/16/2015 DP-097-SO-010-01 Primary 1	DP-097 07/16/2015 DP-097-SO-050-01 Primary 5	DP-097 07/16/2015 DP-097-SO-100-01 Primary 10	DP-097 07/16/2015 DP-097-SO-200-01 Primary 20	DP-098 07/16/2015 DP-098-SO-010-01 Primary 1	DP-098 07/16/2015 DP-098-SO-050-01 Primary 5	DP-098 07/16/2015 DP-098-SO-100-01 Primary 10
Phenanthrene	-	-	< 0.12	< 0.12	0.18	0.32	< 0.12	< 0.12	1.1	0.11	0.13
Pyrene	-	23000	< 0.12	< 0.12	0.37	2.4	< 0.12	< 0.12	1.3	0.24	0.16
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.8	< 2.5	< 2.9	< 3.0	< 2.9	< 2.6	< 2.7	< 2.9
Diesel Range Organics (C9-C44)	100	-	8.60 J	7.36 J	1,910	2,520	826	5.85 J	133	120	21.6 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-098 07/16/2015 DP-098-SO-200-01 Primary 20	DP-098 07/16/2015 DP-098-SO-300-01 Primary 30	DP-099 07/16/2015 DP-099-SO-010-01 Primary 1	DP-099 07/16/2015 DP-099-SO-050-01 Primary 5	DP-099 07/16/2015 DP-099-SO-100-01 Primary 10	DP-099 07/16/2015 DP-099-SO-200-01 Primary 20	DP-100 07/17/2015 DP-100-SO-010-01 Primary 1	DP-100 07/17/2015 DP-100-SO-050-01 Primary 5	DP-100 07/17/2015 DP-100-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	12,000	10,000	11,000	6,300	8,800	11,000	-	-	-
Antimony	-	470	< 4.6	< 4.5	< 4.5	< 4.4	< 4.4	< 4.5	-	-	-
Arsenic	-	3	7.6	3.9	6.7	5.0	4.8	7.6	-	-	-
Barium	-	220000	150	70	64	95	85	81	-	-	-
Beryllium	-	2300	0.67	0.70	0.43 J	0.52	0.49	0.76	-	-	-
Cadmium	-	980	< 0.91	< 0.90	< 0.89	< 0.88	< 0.88	< 0.90	-	-	-
Calcium	-	-	270	430	28,000	4,100	660	280	-	-	-
Chromium	-	-	20	20	14	12	15	17	-	-	-
Cobalt	-	350	18	4.9	6.8	7.4	7.3	24	-	-	-
Copper	-	47000	13	16	16	16	11	15	-	-	-
Iron	-	820000	23,000	15,000	19,000	14,000	19,000	24,000	-	-	-
Lead	-	800	< 4.6	1.9 J	24	300	< 4.4	< 4.5	-	-	-
Magnesium	-	-	2,200	2,400	1,600	1,000	1,900	2,800	-	-	-
Manganese	-	26000	160	57	290	110	110	540	-	-	-
Mercury	-	40	< 0.080	0.030 J	0.82	0.10	0.020 J	< 0.080	-	-	-
Nickel	-	22000	13	14	10	11	13	16	-	-	-
Potassium	-	-	410	460	540	460	450	420	-	-	-
Selenium	-	5800	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	-	-	-
Silver	-	5800	< 0.91	< 0.90	< 0.89	< 0.88	< 0.88	< 0.90	-	-	-
Sodium	-	-	490	300	30 J	51 J	64 J	350	-	-	-
Thallium	-	12	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	-	-	-
Vanadium	-	5800	27	25	27	19	18	25	-	-	-
Zinc	-	350000	44	51	47	69	43	56	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.20	< 0.35	-	-
2-Methylnaphthalene	-	3000	< 0.24	< 0.23	< 0.23	< 0.23	< 0.22	< 0.24	< 0.42	-	-
Acenaphthene	-	45000	< 0.16	< 0.16	< 0.16	< 0.15	< 0.15	< 0.16	0.22 J	-	-
Acenaphthylene	-	-	< 0.16	< 0.16	0.047 J	< 0.15	< 0.15	< 0.16	0.18 J	-	-
Anthracene	-	230000	< 0.12	< 0.12	0.065 J	< 0.11	< 0.11	< 0.12	0.7	-	-
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	0.36	0.050 J	< 0.11	< 0.12	1.6	-	-
Benzo(a)pyrene	-	0.29	< 0.16	< 0.16	0.35	< 0.15	< 0.15	< 0.16	1.5	-	-
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	0.54	0.054 J	< 0.11	< 0.12	1.8	-	-
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.16	0.29	< 0.15	< 0.15	< 0.16	0.9	-	-
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	0.23	< 0.11	< 0.11	< 0.12	0.8	-	-
Chrysene	-	290	< 0.12	< 0.12	0.34	0.049 J	< 0.11	< 0.12	1.7	-	-
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	0.10 J	< 0.11	< 0.11	< 0.12	0.24	-	-
Fluoranthene	-	30000	< 0.12	< 0.12	0.46	0.098 J	< 0.11	< 0.12	3.5	-	-
Fluorene	-	30000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.20	0.17 J	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.16	0.33	< 0.15	< 0.15	< 0.16	0.96	-	-
Naphthalene	-	17	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.20	< 0.35	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-098 07/16/2015 DP-098-SO-200-01 Primary 20	DP-098 07/16/2015 DP-098-SO-300-01 Primary 30	DP-099 07/16/2015 DP-099-SO-010-01 Primary 1	DP-099 07/16/2015 DP-099-SO-050-01 Primary 5	DP-099 07/16/2015 DP-099-SO-100-01 Primary 10	DP-099 07/16/2015 DP-099-SO-200-01 Primary 20	DP-100 07/17/2015 DP-100-SO-010-01 Primary 1	DP-100 07/17/2015 DP-100-SO-050-01 Primary 5	DP-100 07/17/2015 DP-100-SO-100-01 Primary 10
Phenanthrene	-	-	< 0.12	< 0.12	0.16	0.064 J	< 0.11	< 0.12	2.1	-	-
Pyrene	-	23000	< 0.12	< 0.12	0.41	0.085 J	< 0.11	< 0.12	3.2	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.9	< 2.8	< 2.8	< 2.9	< 2.9	< 2.4	< 2.6	< 3.0
Diesel Range Organics (C9-C44)	100	-	6.32 J	15.4 J	215	25.6 J	4.34 J	< 40.0	793	8.76 J	12.9 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-100 07/17/2015 DP-100-SO-200-01 Primary 20	DP-100 07/17/2015 DP-100-SO-300-01 Primary 30	DP-101 07/17/2015 DP-101-SO-010-01 Primary 1	DP-101 07/17/2015 DP-101-SO-050-01 Primary 5	DP-101 07/17/2015 DP-101-SO-100-01 Primary 10	DP-101 07/17/2015 DP-101-SO-200-01 Primary 20	DP-101 07/17/2015 DP-101-SO-300-01 Primary 30	DP-102 07/17/2015 DP-102-SO-010-01 Primary 1	DP-102 07/17/2015 DP-102-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	< 0.18	< 0.18	< 0.19	< 0.19	< 0.19	< 0.18	< 0.18
2-Methylnaphthalene	-	3000	-	-	< 0.21	0.20 J	< 0.22	< 0.23	< 0.23	< 0.22	0.063 J
Acenaphthene	-	45000	-	-	< 0.14	0.42	< 0.15	< 0.16	< 0.15	< 0.15	0.22
Acenaphthylene	-	-	-	-	< 0.14	0.37	< 0.15	< 0.16	< 0.15	< 0.15	0.26
Anthracene	-	230000	-	-	0.039 J	1.1	< 0.11	< 0.12	< 0.11	0.047 J	0.61
Benzo(a)anthracene	-	2.9	-	-	0.12	2.0	< 0.11	< 0.12	< 0.11	0.18	1.3
Benzo(a)pyrene	-	0.29	-	-	0.12 J	2.0	< 0.15	< 0.16	< 0.15	0.18	1.4
Benzo(b)fluoranthene	-	2.9	-	-	0.17	2.5	< 0.11	< 0.12	< 0.11	0.22	1.2
Benzo(g,h,i)perylene	-	-	-	-	0.098 J	1.6	< 0.15	< 0.16	< 0.15	0.11 J	1.1
Benzo(k)fluoranthene	-	29	-	-	0.061 J	0.87	< 0.11	< 0.12	< 0.11	0.080 J	1.0
Chrysene	-	290	-	-	0.16	2.1	< 0.11	< 0.12	< 0.11	0.19	1.3
Dibenz(a,h)anthracene	-	0.29	-	-	< 0.10	0.33	< 0.11	< 0.12	< 0.11	< 0.11	0.29
Fluoranthene	-	30000	-	-	0.22	4.4	< 0.11	< 0.12	< 0.11	0.31	2.9
Fluorene	-	30000	-	-	< 0.18	0.43	< 0.19	< 0.19	< 0.19	< 0.18	0.26
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	0.086 J	1.5	< 0.15	< 0.16	< 0.15	0.12 J	0.89
Naphthalene	-	17	-	-	< 0.18	0.20	< 0.19	< 0.19	< 0.19	< 0.18	0.066 J

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Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-100 07/17/2015 DP-100-SO-200-01 Primary 20	DP-100 07/17/2015 DP-100-SO-300-01 Primary 30	DP-101 07/17/2015 DP-101-SO-010-01 Primary 1	DP-101 07/17/2015 DP-101-SO-050-01 Primary 5	DP-101 07/17/2015 DP-101-SO-100-01 Primary 10	DP-101 07/17/2015 DP-101-SO-200-01 Primary 20	DP-101 07/17/2015 DP-101-SO-300-01 Primary 30	DP-102 07/17/2015 DP-102-SO-010-01 Primary 1	DP-102 07/17/2015 DP-102-SO-050-01 Primary 5
Phenanthrene	-	-	-	-	0.13	3.9	< 0.11	< 0.12	< 0.11	0.14	2.3
Pyrene	-	23000	-	-	0.21	3.8	< 0.11	< 0.12	< 0.11	0.30	2.4
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.8	< 2.3	< 2.6	1.4 J	< 2.7	< 2.8	< 2.8	< 2.8
Diesel Range Organics (C9-C44)	100	-	8.74 J	10.0 J	1,420	487	5,460	8.05 J	8.11 J	114	173

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-102 07/17/2015 DP-102-SO-100-01 Primary 10	DP-102 07/17/2015 DP-102-SO-200-01 Primary 20	DP-102 07/17/2015 DP-102-SO-300-01 Primary 30	DP-103 07/17/2015 DP-103-SO-010-01 Primary 1	DP-103 07/17/2015 DP-103-SO-050-01 Primary 5	DP-103 07/17/2015 DP-103-SO-100-01 Primary 10	DP-103 07/17/2015 DP-103-SO-200-01 Primary 20	DP-103 07/17/2015 DP-103-SO-300-01 Primary 28	DP-104 07/17/2015 DP-104-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.20	< 0.20	< 0.18	< 0.18	< 0.20	< 0.20	< 0.20	< 0.37
2-Methylnaphthalene	-	3000	0.18 J	< 0.24	< 0.23	0.46	< 0.22	< 0.24	< 0.24	< 0.24	< 0.45
Acenaphthene	-	45000	0.44	< 0.16	< 0.16	0.38	< 0.15	< 0.16	< 0.16	< 0.16	0.30
Acenaphthylene	-	-	0.17	< 0.16	< 0.16	1.9	0.068 J	< 0.16	< 0.16	< 0.16	0.23 J
Anthracene	-	230000	0.89	< 0.12	< 0.12	2.4	0.046 J	< 0.12	< 0.12	< 0.12	1.5
Benzo(a)anthracene	-	2.9	1.5	< 0.12	< 0.12	5.9	0.12	< 0.12	< 0.12	< 0.12	4.4
Benzo(a)pyrene	-	0.29	1.5	< 0.16	< 0.16	4.9	0.11 J	< 0.16	< 0.16	< 0.16	4.1
Benzo(b)fluoranthene	-	2.9	1.2	< 0.12	< 0.12	4.9	0.089 J	< 0.12	< 0.12	< 0.12	5.3
Benzo(g,h,i)perylene	-	-	1.0	< 0.16	< 0.16	2.6	0.060 J	< 0.16	< 0.16	< 0.16	2.7
Benzo(k)fluoranthene	-	29	1.3	< 0.12	< 0.12	3.8	0.097 J	< 0.12	< 0.12	< 0.12	1.9
Chrysene	-	290	1.6	< 0.12	< 0.12	5.6	0.12	< 0.12	< 0.12	< 0.12	4.4
Dibenz(a,h)anthracene	-	0.29	0.29	< 0.12	< 0.12	1.1	< 0.11	< 0.12	< 0.12	< 0.12	0.65
Fluoranthene	-	30000	3.8	< 0.12	< 0.12	13	0.22	0.039 J	< 0.12	< 0.12	8.5
Fluorene	-	30000	0.49	< 0.20	< 0.20	1.5	< 0.18	< 0.20	< 0.20	< 0.20	0.24 J
Indeno(1,2,3-cd)pyrene	-	2.9	0.82	< 0.16	< 0.16	2.7	0.058 J	< 0.16	< 0.16	< 0.16	2.8
Naphthalene	-	17	0.34	< 0.20	< 0.20	0.59	< 0.18	< 0.20	< 0.20	< 0.20	0.12 J

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-102 07/17/2015 DP-102-SO-100-01 Primary 10	DP-102 07/17/2015 DP-102-SO-200-01 Primary 20	DP-102 07/17/2015 DP-102-SO-300-01 Primary 30	DP-103 07/17/2015 DP-103-SO-010-01 Primary 1	DP-103 07/17/2015 DP-103-SO-050-01 Primary 5	DP-103 07/17/2015 DP-103-SO-100-01 Primary 10	DP-103 07/17/2015 DP-103-SO-200-01 Primary 20	DP-103 07/17/2015 DP-103-SO-300-01 Primary 28	DP-104 07/17/2015 DP-104-SO-010-01 Primary 1
Phenanthrene	-	-	3.6	< 0.12	< 0.12	11	0.17	< 0.12	< 0.12	< 0.12	4.5
Pyrene	-	23000	3.2	< 0.12	< 0.12	11	0.19	0.042 J	< 0.12	< 0.12	7.9
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 3.0	< 3.0	< 2.8	< 2.8	< 3.1	< 3.0	< 3.0	< 2.8
Diesel Range Organics (C9-C44)	100	-	305	< 40.5	< 39.3	287	46.2	1,600	< 38.7	< 38.0	304

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-104 07/17/2015 DP-104-SO-050-01 Primary 5	DP-104 07/17/2015 DP-104-SO-100-01 Primary 10	DP-104 07/17/2015 DP-104-SO-200-01 Primary 20	DP-104 07/17/2015 DP-104-SO-300-01 Primary 30	DP-105 07/17/2015 DP-105-SO-010-01 Primary 1	DP-105 07/17/2015 DP-105-SO-050-01 Primary 5	DP-105 07/17/2015 DP-105-SO-100-01 Primary 10	DP-105 07/17/2015 DP-105-SO-200-01 Primary 20	DP-105 07/17/2015 DP-105-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	< 0.18	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	< 0.22	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	< 0.15	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	< 0.15	-	-	-
Anthracene	-	230000	-	-	-	-	-	< 0.11	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	< 0.11	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	< 0.15	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	< 0.11	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	< 0.15	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	< 0.11	-	-	-
Chrysene	-	290	-	-	-	-	-	< 0.11	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	< 0.11	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	< 0.11	-	-	-
Fluorene	-	30000	-	-	-	-	-	< 0.18	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	< 0.15	-	-	-
Naphthalene	-	17	-	-	-	-	-	< 0.18	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-104 07/17/2015 DP-104-SO-050-01 Primary 5	DP-104 07/17/2015 DP-104-SO-100-01 Primary 10	DP-104 07/17/2015 DP-104-SO-200-01 Primary 20	DP-104 07/17/2015 DP-104-SO-300-01 Primary 30	DP-105 07/17/2015 DP-105-SO-010-01 Primary 1	DP-105 07/17/2015 DP-105-SO-050-01 Primary 5	DP-105 07/17/2015 DP-105-SO-100-01 Primary 10	DP-105 07/17/2015 DP-105-SO-200-01 Primary 20	DP-105 07/17/2015 DP-105-SO-300-01 Primary 30
Phenanthrene	-	-	-	-	-	-	-	< 0.11	-	-	-
Pyrene	-	23000	-	-	-	-	-	< 0.11	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 2.8	< 3.1	< 2.9	< 2.7	< 2.8	130	< 3.0	< 3.0
Diesel Range Organics (C9-C44)	100	-	221	27.4 J	< 40.1	< 38.8	116	210	166	< 39.3	< 39.5

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-106 07/17/2015 DP-106-SO-010-01 Primary 1	DP-106 07/17/2015 DP-106-SO-050-01 Primary 5	DP-106 07/17/2015 DP-106-SO-100-01 Primary 10	DP-106 07/17/2015 DP-106-SO-200-01 Primary 20	DP-106 07/17/2015 DP-106-SO-300-01 Primary 30	DP-107 07/17/2015 DP-107-SO-010-01 Primary 1	DP-107 07/17/2015 DP-107-SO-050-01 Primary 5	DP-107 07/17/2015 DP-107-SO-050-02 Duplicate 5	DP-107 07/17/2015 DP-107-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	-	-	-	-	< 0.18	< 0.18	< 0.18	< 0.20
2-Methylnaphthalene	-	3000	< 0.22	-	-	-	-	< 0.21	< 0.22	< 0.22	< 0.24
Acenaphthene	-	45000	0.053 J	-	-	-	-	0.039 J	< 0.15	< 0.15	0.071 J
Acenaphthylene	-	-	< 0.14	-	-	-	-	0.036 J	< 0.15	< 0.15	0.062 J
Anthracene	-	230000	0.21	-	-	-	-	0.099 J	0.042 J	0.039 J	0.19
Benzo(a)anthracene	-	2.9	0.63	-	-	-	-	0.33	0.097 J	0.12	0.44
Benzo(a)pyrene	-	0.29	0.55	-	-	-	-	0.34	0.096 J	0.12 J	0.44
Benzo(b)fluoranthene	-	2.9	0.72	-	-	-	-	0.31	0.078 J	0.10 J	0.38
Benzo(g,h,i)perylene	-	-	0.34	-	-	-	-	0.19	0.064 J	0.084 J	0.28
Benzo(k)fluoranthene	-	29	0.27	-	-	-	-	0.28	0.083 J	0.10 J	0.33
Chrysene	-	290	0.66	-	-	-	-	0.33	0.10 J	0.13	0.47
Dibenz(a,h)anthracene	-	0.29	0.093 J	-	-	-	-	0.066 J	< 0.11	< 0.11	0.082 J
Fluoranthene	-	30000	1.3	-	-	-	-	0.62	0.22	0.25	0.99
Fluorene	-	30000	< 0.18	-	-	-	-	< 0.18	< 0.18	< 0.18	0.083 J
Indeno(1,2,3-cd)pyrene	-	2.9	0.35	-	-	-	-	0.18	0.053 J	0.065 J	0.23
Naphthalene	-	17	< 0.18	-	-	-	-	< 0.18	< 0.18	< 0.18	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-106 07/17/2015 DP-106-SO-010-01 Primary 1	DP-106 07/17/2015 DP-106-SO-050-01 Primary 5	DP-106 07/17/2015 DP-106-SO-100-01 Primary 10	DP-106 07/17/2015 DP-106-SO-200-01 Primary 20	DP-106 07/17/2015 DP-106-SO-300-01 Primary 30	DP-107 07/17/2015 DP-107-SO-010-01 Primary 1	DP-107 07/17/2015 DP-107-SO-050-01 Primary 5	DP-107 07/17/2015 DP-107-SO-050-02 Duplicate 5	DP-107 07/17/2015 DP-107-SO-100-01 Primary 10
Phenanthrene	-	-	0.70	-	-	-	-	0.34	0.19	0.17	0.87
Pyrene	-	23000	1.2	-	-	-	-	0.53	0.19	0.22	0.85
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.8	< 3.1	< 3.1	< 2.9	< 2.7	< 2.8	< 2.8	< 3.0
Diesel Range Organics (C9-C44)	100	-	318	156	180	< 38.8	< 38.7	17.3 J	99.0	363	563

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-107 07/17/2015 DP-107-SO-200-01 Primary 20	DP-107 07/17/2015 DP-107-SO-300-01 Primary 30	DP-108 07/17/2015 DP-108-SO-010-01 Primary 1	DP-108 07/17/2015 DP-108-SO-010-02 Primary 1	DP-108 07/17/2015 DP-108-SO-050-01 Primary 5	DP-108 07/17/2015 DP-108-SO-100-01 Primary 10	DP-109 07/20/2015 DP-109-SO-010-01 Primary 1	DP-109 07/20/2015 DP-109-SO-050-01 Primary 5	DP-109 07/20/2015 DP-109-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.19	< 0.18	< 0.17	< 0.18	< 0.19	< 0.30	-	-
2-Methylnaphthalene	-	3000	< 0.24	< 0.23	< 0.21	< 0.21	< 0.21	< 0.23	< 0.35	-	-
Acenaphthene	-	45000	< 0.16	< 0.15	0.19	< 0.14	0.057 J	< 0.15	0.080 J	-	-
Acenaphthylene	-	-	< 0.16	< 0.15	0.16	0.041 J	0.043 J	< 0.15	0.16 J	-	-
Anthracene	-	230000	< 0.12	< 0.12	0.77	0.067 J	0.16	< 0.11	0.32	-	-
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	2.3	0.16	0.50	0.083 J	0.78	-	-
Benzo(a)pyrene	-	0.29	< 0.16	< 0.15	2.1	0.18	0.46	0.080 J	0.80	-	-
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	1.8	0.24	0.40	0.072 J	0.99	-	-
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.15	1.2	0.14	0.28	0.043 J	0.57	-	-
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	1.8	0.16	0.40	0.066 J	0.41	-	-
Chrysene	-	290	< 0.12	< 0.12	2.1	0.24	0.51	0.086 J	0.74	-	-
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	0.48	0.048 J	0.099 J	< 0.11	0.16 J	-	-
Fluoranthene	-	30000	< 0.12	< 0.12	4.2	0.26	0.93	0.14	1.4	-	-
Fluorene	-	30000	< 0.20	< 0.19	0.17 J	< 0.17	< 0.18	< 0.19	0.085 J	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.15	1.1	0.12 J	0.24	0.042 J	0.50	-	-
Naphthalene	-	17	< 0.20	< 0.19	0.063 J	< 0.17	< 0.18	< 0.19	0.12 J	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-107 07/17/2015 DP-107-SO-200-01 Primary 20	DP-107 07/17/2015 DP-107-SO-300-01 Primary 30	DP-108 07/17/2015 DP-108-SO-010-01 Primary 1	DP-108 07/17/2015 DP-108-SO-010-02 Primary 1	DP-108 07/17/2015 DP-108-SO-050-01 Primary 5	DP-108 07/17/2015 DP-108-SO-100-01 Primary 10	DP-109 07/20/2015 DP-109-SO-010-01 Primary 1	DP-109 07/20/2015 DP-109-SO-050-01 Primary 5	DP-109 07/20/2015 DP-109-SO-100-01 Primary 10
Phenanthrene	-	-	< 0.12	< 0.12	2.4	0.11	0.66	0.076 J	0.9	-	-
Pyrene	-	23000	< 0.12	< 0.12	3.5	0.25	0.81	0.12	1.3	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.1	< 2.9	< 2.7	< 2.7	< 2.7	< 2.9	< 3.0	< 2.7	< 3.5
Diesel Range Organics (C9-C44)	100	-	4.55 J	4.18 J	927	1,400	146	9.63 J	549	383	12.9 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-109 07/20/2015 DP-109-SO-200-01 Primary 20	DP-109 07/20/2015 DP-109-SO-300-01 Primary 30	DP-110 07/20/2015 DP-110-SO-010-01 Primary 1	DP-110 07/20/2015 DP-110-SO-050-01 Primary 5	DP-110 07/20/2015 DP-110-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-200-01 Primary 20	DP-110 07/20/2015 DP-110-SO-300-01 Primary 30	DP-111 07/20/2015 DP-111-SO-010-01 Primary 1	DP-111 07/20/2015 DP-111-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	< 0.38	< 0.20	< 0.20	< 0.19	< 0.21	< 0.37	< 0.22
2-Methylnaphthalene	-	3000	-	-	0.44 J	< 0.24	< 0.24	< 0.23	< 0.25	0.14 J	< 0.26
Acenaphthene	-	45000	-	-	0.081 J	< 0.16	< 0.16	< 0.15	< 0.17	< 0.29	< 0.17
Acenaphthylene	-	-	-	-	< 0.30	< 0.16	< 0.16	< 0.15	< 0.17	< 0.29	0.045 J
Anthracene	-	230000	-	-	0.15 J	0.052 J	< 0.12	< 0.12	< 0.12	< 0.22	0.14
Benzo(a)anthracene	-	2.9	-	-	0.26	0.13	< 0.12	< 0.12	< 0.12	0.096 J	0.24
Benzo(a)pyrene	-	0.29	-	-	0.26 J	0.11 J	< 0.16	< 0.15	< 0.17	0.11 J	0.17
Benzo(b)fluoranthene	-	2.9	-	-	0.22 J	0.092 J	< 0.12	< 0.12	< 0.12	0.15 J	0.15
Benzo(g,h,i)perylene	-	-	-	-	0.16 J	0.061 J	< 0.16	< 0.15	< 0.17	0.11 J	0.075 J
Benzo(k)fluoranthene	-	29	-	-	0.22 J	0.10 J	< 0.12	< 0.12	< 0.12	0.12 J	0.14
Chrysene	-	290	-	-	0.31	0.12	< 0.12	< 0.12	< 0.12	0.21 J	0.21
Dibenz(a,h)anthracene	-	0.29	-	-	< 0.23	< 0.12	< 0.12	< 0.12	< 0.12	< 0.22	< 0.13
Fluoranthene	-	30000	-	-	0.54	0.24	< 0.12	< 0.12	< 0.12	0.13 J	0.51
Fluorene	-	30000	-	-	0.15 J	< 0.20	< 0.20	< 0.19	< 0.21	< 0.37	0.073 J
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	0.14 J	0.058 J	< 0.16	< 0.15	< 0.17	0.082 J	0.082 J
Naphthalene	-	17	-	-	0.19 J	< 0.20	< 0.20	< 0.19	< 0.21	< 0.37	< 0.22

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-109 07/20/2015 DP-109-SO-200-01 Primary 20	DP-109 07/20/2015 DP-109-SO-300-01 Primary 30	DP-110 07/20/2015 DP-110-SO-010-01 Primary 1	DP-110 07/20/2015 DP-110-SO-050-01 Primary 5	DP-110 07/20/2015 DP-110-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-200-01 Primary 20	DP-110 07/20/2015 DP-110-SO-300-01 Primary 30	DP-111 07/20/2015 DP-111-SO-010-01 Primary 1	DP-111 07/20/2015 DP-111-SO-050-01 Primary 5
Phenanthrene	-	-	-	-	0.58	0.19	< 0.12	< 0.12	< 0.12	0.15 J	0.54
Pyrene	-	23000	-	-	0.50	0.20	< 0.12	< 0.12	< 0.12	0.14 J	0.39
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 2.6	5.9	< 3.1	< 3.0	< 2.9	< 3.1	< 2.7	< 3.2
Diesel Range Organics (C9-C44)	100	-	7.42 J	11.5 J	2,890	114	17.1 J	7.30 J	13.8 J	1,930	11.9 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-111 07/20/2015 DP-111-SO-100-01 Primary 10	DP-111 07/20/2015 DP-111-SO-200-01 Primary 20	DP-111 07/20/2015 DP-111-SO-300-01 Primary 30	DP-112 07/20/2015 DP-112-SO-010-01 Primary 1	DP-112 07/20/2015 DP-112-SO-050-01 Primary 5	DP-112 07/20/2015 DP-112-SO-100-01 Primary 10	DP-112 07/20/2015 DP-112-SO-200-01 Primary 20	DP-112 07/20/2015 DP-112-SO-300-01 Primary 30	DP-113 07/20/2015 DP-113-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.20	< 0.21	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20	< 0.36
2-Methylnaphthalene	-	3000	< 0.24	< 0.24	< 0.25	< 0.22	< 0.23	< 0.24	< 0.23	< 0.24	0.13 J
Acenaphthene	-	45000	< 0.16	< 0.16	< 0.16	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16	< 0.28
Acenaphthylene	-	-	< 0.16	< 0.16	< 0.16	0.064 J	0.054 J	< 0.16	< 0.15	< 0.16	< 0.28
Anthracene	-	230000	< 0.12	< 0.12	< 0.12	0.15	0.054 J	0.072 J	< 0.12	< 0.12	< 0.21
Benzo(a)anthracene	-	2.9	0.11 J	< 0.12	< 0.12	0.54	0.15	0.20	< 0.12	< 0.12	< 0.21
Benzo(a)pyrene	-	0.29	0.094 J	< 0.16	< 0.16	0.39	0.18	0.20	< 0.15	< 0.16	< 0.28
Benzo(b)fluoranthene	-	2.9	0.079 J	< 0.12	< 0.12	0.38	0.15	0.16	< 0.12	< 0.12	0.083 J
Benzo(g,h,i)perylene	-	-	0.045 J	< 0.16	< 0.16	0.21	0.13 J	0.10 J	< 0.15	< 0.16	< 0.28
Benzo(k)fluoranthene	-	29	0.089 J	< 0.12	< 0.12	0.34	0.14	0.15	< 0.12	< 0.12	< 0.21
Chrysene	-	290	0.10 J	< 0.12	< 0.12	0.54	0.15	0.20	< 0.12	< 0.12	0.14 J
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	< 0.12	0.083 J	< 0.11	< 0.12	< 0.12	< 0.12	< 0.21
Fluoranthene	-	30000	0.17	< 0.12	< 0.12	1.0	0.23	0.37	< 0.12	< 0.12	0.11 J
Fluorene	-	30000	< 0.20	< 0.20	< 0.21	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20	< 0.36
Indeno(1,2,3-cd)pyrene	-	2.9	0.045 J	< 0.16	< 0.16	0.20	0.11 J	0.10 J	< 0.15	< 0.16	< 0.28
Naphthalene	-	17	< 0.20	< 0.20	< 0.21	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20	< 0.36

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-111 07/20/2015 DP-111-SO-100-01 Primary 10	DP-111 07/20/2015 DP-111-SO-200-01 Primary 20	DP-111 07/20/2015 DP-111-SO-300-01 Primary 30	DP-112 07/20/2015 DP-112-SO-010-01 Primary 1	DP-112 07/20/2015 DP-112-SO-050-01 Primary 5	DP-112 07/20/2015 DP-112-SO-100-01 Primary 10	DP-112 07/20/2015 DP-112-SO-200-01 Primary 20	DP-112 07/20/2015 DP-112-SO-300-01 Primary 30	DP-113 07/20/2015 DP-113-SO-010-01 Primary 1
Phenanthrene	-	-	0.062 J	< 0.12	< 0.12	0.33	0.12	0.24	< 0.12	< 0.12	0.13 J
Pyrene	-	23000	0.14	< 0.12	< 0.12	0.85	0.21	0.31	< 0.12	< 0.12	0.12 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.6	< 3.0	2.3 J	< 2.9	8.5	< 2.7	< 2.9	2.2 J
Diesel Range Organics (C9-C44)	100	-	17.7 J	< 37.9	4.64 J	1,700	102	18.9 J	< 38.8	< 40.1	3,930

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-113 07/20/2015 DP-113-SO-050-01 Primary 5	DP-113 07/20/2015 DP-113-SO-100-01 Primary 10	DP-113 07/20/2015 DP-113-SO-200-01 Primary 20	DP-113 07/20/2015 DP-113-SO-300-01 Primary 30	DP-114 07/20/2015 DP-114-SO-010-01 Primary 1	DP-114 07/20/2015 DP-114-SO-050-01 Primary 5	DP-114 07/20/2015 DP-114-SO-100-01 Primary 10	DP-114 07/20/2015 DP-114-SO-200-01 Primary 20	DP-114 07/20/2015 DP-114-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.20	< 0.19	< 0.22	< 0.36	< 0.18	< 0.20	< 0.20	< 0.21
2-Methylnaphthalene	-	3000	< 0.22	< 0.24	< 0.23	< 0.26	< 0.44	< 0.22	< 0.24	< 0.24	< 0.25
Acenaphthene	-	45000	0.053 J	< 0.16	< 0.15	< 0.17	0.64	< 0.15	< 0.16	< 0.16	< 0.16
Acenaphthylene	-	-	< 0.15	< 0.16	< 0.15	< 0.17	0.19 J	< 0.15	< 0.16	< 0.16	< 0.16
Anthracene	-	230000	0.44	< 0.12	< 0.11	< 0.13	2.7	< 0.11	< 0.12	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	1.4	< 0.12	< 0.11	< 0.13	4.9	0.041 J	0.14	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	1.2	< 0.16	< 0.15	< 0.17	4.2	0.047 J	0.13 J	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	1.3	< 0.12	< 0.11	< 0.13	3.7	0.040 J	0.11 J	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	0.73	< 0.16	< 0.15	< 0.17	2.2	< 0.15	0.064 J	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	0.93	< 0.12	< 0.11	< 0.13	3.3	0.035 J	0.12	< 0.12	< 0.12
Chrysene	-	290	1.3	< 0.12	< 0.11	< 0.13	4.3	0.042 J	0.14	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.26	< 0.12	< 0.11	< 0.13	0.91	< 0.11	< 0.12	< 0.12	< 0.12
Fluoranthene	-	30000	3.3	< 0.12	< 0.11	< 0.13	10	0.066 J	0.26	< 0.12	< 0.12
Fluorene	-	30000	0.096 J	< 0.20	< 0.19	< 0.22	0.70	< 0.18	< 0.20	< 0.20	< 0.21
Indeno(1,2,3-cd)pyrene	-	2.9	0.70	< 0.16	< 0.15	< 0.17	2.3	< 0.15	0.061 J	< 0.16	< 0.16
Naphthalene	-	17	< 0.19	< 0.20	< 0.19	< 0.22	0.12 J	< 0.18	< 0.20	< 0.20	< 0.21

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-113 07/20/2015 DP-113-SO-050-01 Primary 5	DP-113 07/20/2015 DP-113-SO-100-01 Primary 10	DP-113 07/20/2015 DP-113-SO-200-01 Primary 20	DP-113 07/20/2015 DP-113-SO-300-01 Primary 30	DP-114 07/20/2015 DP-114-SO-010-01 Primary 1	DP-114 07/20/2015 DP-114-SO-050-01 Primary 5	DP-114 07/20/2015 DP-114-SO-100-01 Primary 10	DP-114 07/20/2015 DP-114-SO-200-01 Primary 20	DP-114 07/20/2015 DP-114-SO-300-01 Primary 30
Phenanthrene	-	-	1.8	< 0.12	< 0.11	< 0.13	8.0	0.051 J	0.14	< 0.12	< 0.12
Pyrene	-	23000	2.4	< 0.12	< 0.11	< 0.13	8.3	0.055 J	0.22	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 3.0	< 2.8	< 3.2	< 2.7	< 2.6	< 3.0	< 3.0	< 2.8
Diesel Range Organics (C9-C44)	100	-	69.0	60.9	5.38 J	82.9	960	32.0 J	75.2	6.98 J	12.9 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-010-01 Primary 1	DP-115 07/21/2015 DP-115-SO-010-02 Duplicate 1	DP-115 07/21/2015 DP-115-SO-050-01 Primary 5	DP-115 07/21/2015 DP-115-SO-050-02 Duplicate 5	DP-115 07/21/2015 DP-115-SO-100-01 Primary 10	DP-115 07/21/2015 DP-115-SO-100-02 Duplicate 10	DP-115 07/21/2015 DP-115-SO-200-01 Primary 20	DP-115 07/21/2015 DP-115-SO-200-02 Duplicate 20	DP-115 07/21/2015 DP-115-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	< 0.18	< 0.19	< 0.19	< 0.21	< 0.21	< 0.19	< 0.20	< 0.21
2-Methylnaphthalene	-	3000	< 0.22	< 0.21	< 0.23	< 0.23	< 0.25	< 0.25	< 0.23	< 0.24	< 0.25
Acenaphthene	-	45000	0.074 J	0.047 J	< 0.15	< 0.15	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16
Acenaphthylene	-	-	0.049 J	< 0.14	< 0.15	< 0.15	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16
Anthracene	-	230000	0.24	0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	0.56	0.30	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	0.47	0.27	< 0.15	< 0.15	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	0.66	0.37	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	0.28	0.19	< 0.15	< 0.15	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	0.27	0.15	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Chrysene	-	290	0.56	0.31	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.088 J	0.050 J	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Fluoranthene	-	30000	1.1	0.61	< 0.11	< 0.11	< 0.12	0.039 J	< 0.12	< 0.12	< 0.12
Fluorene	-	30000	0.10 J	< 0.18	< 0.19	< 0.19	< 0.21	< 0.21	< 0.19	< 0.20	< 0.21
Indeno(1,2,3-cd)pyrene	-	2.9	0.3	0.19	< 0.15	< 0.15	< 0.17	< 0.16	< 0.16	< 0.16	< 0.16
Naphthalene	-	17	0.062 J	< 0.18	< 0.19	< 0.19	< 0.21	< 0.21	< 0.19	< 0.20	< 0.21

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-010-01 Primary 1	DP-115 07/21/2015 DP-115-SO-010-02 Duplicate 1	DP-115 07/21/2015 DP-115-SO-050-01 Primary 5	DP-115 07/21/2015 DP-115-SO-050-02 Duplicate 5	DP-115 07/21/2015 DP-115-SO-100-01 Primary 10	DP-115 07/21/2015 DP-115-SO-100-02 Duplicate 10	DP-115 07/21/2015 DP-115-SO-200-01 Primary 20	DP-115 07/21/2015 DP-115-SO-200-02 Duplicate 20	DP-115 07/21/2015 DP-115-SO-300-01 Primary 30
Phenanthrene	-	-	0.83	0.42	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Pyrene	-	23000	0.95	0.53	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.7	< 2.8	< 2.5	< 3.0	< 3.1	< 2.9	< 2.9	< 3.0
Diesel Range Organics (C9-C44)	100	-	181	174	12.2 J	9.82 J	13.2 J	7.15 J	4.82 J	4.62 J	7.66 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-300-02 Duplicate 30	DP-116 07/21/2015 DP-116-SO-010-01 Primary 1	DP-116 07/21/2015 DP-116-SO-050-01 Primary 5	DP-116 07/21/2015 DP-116-SO-100-01 Primary 10	DP-116 07/21/2015 DP-116-SO-200-01 Primary 20	DP-116 07/21/2015 DP-116-SO-300-01 Primary 30	DP-117 07/21/2015 DP-117-SO-010-01 Primary 1	DP-117 07/21/2015 DP-117-SO-050-01 Primary 5	DP-117 07/21/2015 DP-117-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.38	< 0.19	< 0.20	< 0.19	< 0.20	< 0.75	< 0.19	< 0.20
2-Methylnaphthalene	-	3000	< 0.24	< 0.46	< 0.23	< 0.24	< 0.23	< 0.24	< 0.90	< 0.23	< 0.24
Acenaphthene	-	45000	< 0.16	0.093 J	0.14 J	< 0.16	< 0.15	< 0.16	< 0.60	< 0.15	< 0.16
Acenaphthylene	-	-	< 0.16	0.073 J	0.087 J	< 0.16	< 0.15	< 0.16	< 0.60	< 0.15	< 0.16
Anthracene	-	230000	< 0.12	0.37	0.42	< 0.12	< 0.11	< 0.12	< 0.45	< 0.11	< 0.12
Benzo(a)anthracene	-	2.9	< 0.12	0.80	0.94	0.064 J	< 0.11	< 0.12	0.20 J	0.083 J	< 0.12
Benzo(a)pyrene	-	0.29	< 0.16	0.66	0.82	0.065 J	< 0.15	< 0.16	< 0.60	0.078 J	< 0.16
Benzo(b)fluoranthene	-	2.9	< 0.12	0.86	1.2	0.086 J	< 0.11	< 0.12	0.25 J	0.097 J	< 0.12
Benzo(g,h,i)perylene	-	-	< 0.16	0.36	0.51	< 0.16	< 0.15	< 0.16	< 0.60	0.046 J	< 0.16
Benzo(k)fluoranthene	-	29	< 0.12	0.34	0.40	< 0.12	< 0.11	< 0.12	< 0.45	0.044 J	< 0.12
Chrysene	-	290	< 0.12	0.82	0.94	0.069 J	< 0.11	< 0.12	0.37 J	0.092 J	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.12	0.11 J	0.14	< 0.12	< 0.11	< 0.12	< 0.45	< 0.11	< 0.12
Fluoranthene	-	30000	0.040 J	1.6	2.6	0.083 J	< 0.11	< 0.12	0.36 J	0.15	0.051 J
Fluorene	-	30000	< 0.20	< 0.38	0.14 J	< 0.20	< 0.19	< 0.20	< 0.75	< 0.19	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	0.40	0.55	< 0.16	< 0.15	< 0.16	< 0.60	0.050 J	< 0.16
Naphthalene	-	17	< 0.20	< 0.38	< 0.19	< 0.20	< 0.19	< 0.20	< 0.75	< 0.19	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-300-02 Duplicate 30	DP-116 07/21/2015 DP-116-SO-010-01 Primary 1	DP-116 07/21/2015 DP-116-SO-050-01 Primary 5	DP-116 07/21/2015 DP-116-SO-100-01 Primary 10	DP-116 07/21/2015 DP-116-SO-200-01 Primary 20	DP-116 07/21/2015 DP-116-SO-300-01 Primary 30	DP-117 07/21/2015 DP-117-SO-010-01 Primary 1	DP-117 07/21/2015 DP-117-SO-050-01 Primary 5	DP-117 07/21/2015 DP-117-SO-100-01 Primary 10
Phenanthrene	-	-	< 0.12	1.1	2.1	< 0.12	< 0.11	< 0.12	0.26 J	0.090 J	< 0.12
Pyrene	-	23000	< 0.12	1.4	2.0	0.079 J	< 0.11	< 0.12	0.37 J	0.14	0.046 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.7	0.66 J	< 2.9	< 2.6	< 2.9	< 2.7	< 2.8	< 3.0
Diesel Range Organics (C9-C44)	100	-	28.8 J	202	42.4	11.3 J	4.47 J	< 39.1	619	52.1	14.0 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-117 07/21/2015 DP-117-SO-200-01 Primary 20	DP-117 07/21/2015 DP-117-SO-300-01 Primary 30	DP-118 07/21/2015 DP-118-SO-010-01 Primary 1	DP-118 07/21/2015 DP-118-SO-010-02 Duplicate 1	DP-118 07/21/2015 DP-118-SO-050-01 Primary 5	DP-118 07/21/2015 DP-118-SO-100-01 Primary 10	DP-118 07/21/2015 DP-118-SO-200-01 Primary 20	DP-118 07/21/2015 DP-118-SO-300-01 Primary 30	DP-119 07/21/2015 DP-119-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	5,200	6,100	7,400	8,200	11,000	6,900	7,000
Antimony	-	470	-	-	< 4.2	< 4.5	< 4.5	< 4.6	< 4.5	< 4.6	< 4.1
Arsenic	-	3	-	-	2.8	2.2	3.7	4.5	4.1	3.4	6.3
Barium	-	220000	-	-	32	130	51	62	74	51	44
Beryllium	-	2300	-	-	0.22 J	0.24 J	0.67	0.59	0.67	0.47	0.23 J
Cadmium	-	980	-	-	< 0.84	< 0.90	< 0.90	< 0.92	< 0.91	< 0.92	< 0.81
Calcium	-	-	-	-	29,000	58,000	990	570	220	340	48,000
Chromium	-	-	-	-	17	16	14	13	14	11	24
Cobalt	-	350	-	-	3.8	3.4	6.7	8.8	5.2	6.4	6.5
Copper	-	47000	-	-	10	11	14	12	12	9.0	14
Iron	-	820000	-	-	11,000	9,400	21,000	22,000	21,000	16,000	12,000
Lead	-	800	-	-	11	14	13	0.75 J	2.0 J	1.3 J	8.3
Magnesium	-	-	-	-	5,000	11,000	1,700	2,100	2,400	1,700	7,800
Manganese	-	26000	-	-	110	150	140	220	190	200	140
Mercury	-	40	-	-	0.020 J	0.030 J	< 0.070	0.030 J	< 0.080	0.030 J	0.030 J
Nickel	-	22000	-	-	26	14	11	13	12	9.8	71
Potassium	-	-	-	-	420	620	400	390	350	300	630
Selenium	-	5800	-	-	0.45 J	0.49 J	0.44 J	0.36 J	< 1.8	< 1.8	0.61 J
Silver	-	5800	-	-	< 0.84	< 0.90	< 0.90	< 0.92	< 0.91	< 0.92	< 0.81
Sodium	-	-	-	-	140 J	220	63 J	86 J	220	150 J	360
Thallium	-	12	-	-	< 1.7	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.6
Vanadium	-	5800	-	-	23	22	19	18	21	16	22
Zinc	-	350000	-	-	20	56	38	40	42	32	22
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.20	< 0.36	< 0.38	< 0.19	< 0.19	< 0.20	< 0.19	< 0.35
2-Methylnaphthalene	-	3000	< 0.24	< 0.24	< 0.43	0.13 J	< 0.22	< 0.23	< 0.24	< 0.23	0.59
Acenaphthene	-	45000	< 0.16	< 0.16	< 0.29	< 0.30	< 0.15	< 0.15	< 0.16	< 0.16	< 0.28
Acenaphthylene	-	-	< 0.16	< 0.16	< 0.29	< 0.30	< 0.15	< 0.15	< 0.16	< 0.16	< 0.28
Anthracene	-	230000	< 0.12	< 0.12	0.090 J	0.083 J	< 0.11	< 0.12	< 0.12	< 0.12	0.17 J
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	0.24	0.23	0.049 J	< 0.12	< 0.12	< 0.12	0.26
Benzo(a)pyrene	-	0.29	< 0.16	< 0.16	0.22 J	0.21 J	< 0.15	< 0.15	< 0.16	< 0.16	0.24 J
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	0.31	0.29	0.057 J	< 0.12	< 0.12	< 0.12	0.32
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.16	0.16 J	0.18 J	< 0.15	< 0.15	< 0.16	< 0.16	0.20 J
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	0.093 J	0.098 J	< 0.11	< 0.12	< 0.12	< 0.12	0.11 J
Chrysene	-	290	< 0.12	< 0.12	0.30	0.38	0.053 J	< 0.12	< 0.12	< 0.12	0.39
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	< 0.22	< 0.23	< 0.11	< 0.12	< 0.12	< 0.12	< 0.21
Fluoranthene	-	30000	< 0.12	< 0.12	0.47	0.43	0.095 J	< 0.12	< 0.12	< 0.12	0.58
Fluorene	-	30000	< 0.20	< 0.20	< 0.36	< 0.38	< 0.19	< 0.19	< 0.20	< 0.19	< 0.35
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.16	0.14 J	< 0.30	< 0.15	< 0.15	< 0.16	< 0.16	< 0.28
Naphthalene	-	17	< 0.20	0.068 J	< 0.36	< 0.38	< 0.19	< 0.19	< 0.20	< 0.19	0.21 J

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Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-117 07/21/2015 DP-117-SO-200-01 Primary 20	DP-117 07/21/2015 DP-117-SO-300-01 Primary 30	DP-118 07/21/2015 DP-118-SO-010-01 Primary 1	DP-118 07/21/2015 DP-118-SO-010-02 Duplicate 1	DP-118 07/21/2015 DP-118-SO-050-01 Primary 5	DP-118 07/21/2015 DP-118-SO-100-01 Primary 10	DP-118 07/21/2015 DP-118-SO-200-01 Primary 20	DP-118 07/21/2015 DP-118-SO-300-01 Primary 30	DP-119 07/21/2015 DP-119-SO-010-01 Primary 1
Phenanthrene	-	-	< 0.12	< 0.12	0.47	0.38	0.047 J	< 0.12	< 0.12	< 0.12	0.80
Pyrene	-	23000	< 0.12	< 0.12	0.44	0.49	0.077 J	< 0.12	< 0.12	< 0.12	0.57
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.7	4.7	10	< 2.8	< 2.5	< 2.9	< 2.8	11
Diesel Range Organics (C9-C44)	100	-	4.61 J	6.24 J	2,990	3,470	63.0	< 38.2	< 38.3	< 37.7	2,540

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-119 07/21/2015 DP-119-SO-050-01 Primary 5	DP-119 07/21/2015 DP-119-SO-100-01 Primary 10	DP-119 07/21/2015 DP-119-SO-200-01 Primary 20	DP-119 07/21/2015 DP-119-SO-300-01 Primary 30	DP-120 07/21/2015 DP-120-SO-010-01 Primary 1	DP-120 07/21/2015 DP-120-SO-050-01 Primary 5	DP-120 07/21/2015 DP-120-SO-100-01 Primary 10	DP-120 07/21/2015 DP-120-SO-200-01 Primary 20	DP-120 07/21/2015 DP-120-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	6,900	3,700	11,000	11,000	4,000	7,500	7,900	11,000	7,600
Antimony	-	470	< 4.5	2.8 J	< 4.8	< 4.6	< 4.1	< 4.6	< 4.8	< 4.7	< 4.7
Arsenic	-	3	3.8	6.1	5.9	6.0	2.0	5.5	8.0	5.4	2.3
Barium	-	220000	150	32	54	50	9.9	150	78	85	62
Beryllium	-	2300	0.59	0.32 J	0.58	0.59	0.14 J	0.6	0.57	0.75	0.42 J
Cadmium	-	980	< 0.91	< 0.88	< 0.96	< 0.92	< 0.82	0.76 J	< 0.96	< 0.94	< 0.95
Calcium	-	-	6,900	2,100	320	450	3,500	8,000	730	220	390
Chromium	-	-	12	8.4	17	15	10	13	15	19	12
Cobalt	-	350	7.1	5.8	10	11	1.0 J	6.7	7.3	8.5	7.7
Copper	-	47000	320	16	14	14	4.0	16	13	13	8.2
Iron	-	820000	13,000	19,000	25,000	26,000	9,200	24,000	24,000	26,000	15,000
Lead	-	800	180	270	0.81 J	2.9 J	1.7 J	530	1.6 J	0.20 J	2.2 J
Magnesium	-	-	1,200	920	1,700	1,600	520	1,600	1,700	2,700	2,100
Manganese	-	26000	160	260	200	280	27	150	160	310	230
Mercury	-	40	0.43	0.070	0.030 J	0.030 J	0.020 J	1.7	0.030 J	< 0.080	< 0.080
Nickel	-	22000	9.8	9.7	10	10	2.9	10	11	13	10
Potassium	-	-	540	300	420	410	200 J	580	450	380	340
Selenium	-	5800	0.29 J	< 1.8	< 1.9	0.31 J	< 1.6	0.42 J	< 1.9	0.30 J	< 1.9
Silver	-	5800	< 0.91	0.18 J	< 0.96	< 0.92	< 0.82	< 0.92	< 0.96	< 0.94	< 0.95
Sodium	-	-	230	69 J	99 J	96 J	440	180	130 J	200	150 J
Thallium	-	12	< 1.8	< 1.8	< 1.9	< 1.8	< 1.6	< 1.8	< 1.9	< 1.9	< 1.9
Vanadium	-	5800	20	10	29	28	15	18	20	23	14
Zinc	-	350000	100	27	33	32	5.7	260	36	48	33
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.65	< 0.20	< 0.20	< 0.36	< 0.20	< 0.20	< 0.20	< 0.19
2-Methylnaphthalene	-	3000	< 0.23	< 0.78	< 0.24	< 0.24	< 0.43	< 0.23	< 0.24	< 0.24	< 0.23
Acenaphthene	-	45000	< 0.15	0.13 J	< 0.16	< 0.16	< 0.29	< 0.16	< 0.16	< 0.16	< 0.15
Acenaphthylene	-	-	0.10 J	< 0.52	< 0.16	< 0.16	< 0.29	< 0.16	< 0.16	< 0.16	< 0.15
Anthracene	-	230000	0.18	< 0.39	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	0.75	0.13 J	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	0.70	< 0.52	< 0.16	< 0.16	< 0.29	< 0.16	< 0.16	< 0.16	< 0.15
Benzo(b)fluoranthene	-	2.9	0.89	0.20 J	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	0.40	< 0.52	< 0.16	< 0.16	< 0.29	< 0.16	< 0.16	< 0.16	< 0.15
Benzo(k)fluoranthene	-	29	0.34	< 0.39	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Chrysene	-	290	0.72	0.19 J	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.12	< 0.39	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Fluoranthene	-	30000	1.1	0.39	< 0.12	< 0.12	< 0.22	0.037 J	< 0.12	< 0.12	< 0.12
Fluorene	-	30000	0.055 J	< 0.65	< 0.20	< 0.20	< 0.36	< 0.20	< 0.20	< 0.20	< 0.19
Indeno(1,2,3-cd)pyrene	-	2.9	0.48	< 0.52	< 0.16	< 0.16	< 0.29	< 0.16	< 0.16	< 0.16	< 0.15
Naphthalene	-	17	< 0.19	< 0.65	< 0.20	< 0.20	< 0.36	< 0.20	< 0.20	< 0.20	< 0.19

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-119 07/21/2015 DP-119-SO-050-01 Primary 5	DP-119 07/21/2015 DP-119-SO-100-01 Primary 10	DP-119 07/21/2015 DP-119-SO-200-01 Primary 20	DP-119 07/21/2015 DP-119-SO-300-01 Primary 30	DP-120 07/21/2015 DP-120-SO-010-01 Primary 1	DP-120 07/21/2015 DP-120-SO-050-01 Primary 5	DP-120 07/21/2015 DP-120-SO-100-01 Primary 10	DP-120 07/21/2015 DP-120-SO-200-01 Primary 20	DP-120 07/21/2015 DP-120-SO-300-01 Primary 30
Phenanthrene	-	-	0.52	0.32 J	< 0.12	< 0.12	< 0.22	0.049 J	< 0.12	< 0.12	< 0.12
Pyrene	-	23000	0.94	0.31 J	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.7	< 2.8	< 3.0	3.1	2.5 J	3.0	< 2.9	< 2.9
Diesel Range Organics (C9-C44)	100	-	76.9	44.1	< 41.2	4.74 J	533	163	12.0 J	7.38 J	< 38

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-121 07/21/2015 DP-121-SO-010-01 Primary 1	DP-121 07/21/2015 DP-121-SO-050-01 Primary 5	DP-121 07/21/2015 DP-121-SO-100-01 Primary 10	DP-121 07/21/2015 DP-121-SO-200-01 Primary 20	DP-121 07/21/2015 DP-121-SO-300-01 Primary 30	DP-122 07/21/2015 DP-122-SO-010-01 Primary 1	DP-122 07/21/2015 DP-122-SO-050-01 Primary 5	DP-122 07/21/2015 DP-122-SO-100-01 Primary 10	DP-122 07/21/2015 DP-122-SO-200-01 Primary 20
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	2,200	6,800	6,700	9,700	11,000	2,600	7,700	7,500	9,900
Antimony	-	470	< 4.1	< 4.4	< 4.5	< 4.8	< 4.7	< 4.2	< 4.6	< 4.5	< 4.6
Arsenic	-	3	1.7	2.9	3.0	3.5	1.6	0.84	2.4	1.1	2.2
Barium	-	220000	6.2	77	58	62	95	8.3	130	67	76
Beryllium	-	2300	0.13 J	0.53	0.49	0.51	0.78	0.32 J	0.57	0.54	0.71
Cadmium	-	980	< 0.82	< 0.89	< 0.90	< 0.95	< 0.95	< 0.84	< 0.92	< 0.91	< 0.91
Calcium	-	-	380	8,900	1,200	170	510	260	11,000	2,000	130
Chromium	-	-	6.1	11	11	13	25	19	16	17	17
Cobalt	-	350	0.60 J	6.3	6.5	7.1	9.4	1.5 J	8.1	7.8	10
Copper	-	47000	2.9	12	12	10	15	4.2	17	14	14
Iron	-	820000	9,000	16,000	14,000	19,000	26,000	16,000	19,000	18,000	24,000
Lead	-	800	< 4.1	230	14	0.32 J	12	4.8	60	19	13
Magnesium	-	-	110	1,400	1,700	2,600	2,800	130	2,700	2,000	2,800
Manganese	-	26000	22	220	110	240	270	32	200	120	290
Mercury	-	40	0.020 J	0.23	0.030 J	0.020 J	0.030 J	0.020 J	0.090	0.10	0.020 J
Nickel	-	22000	1.5 J	8.6	11	12	15	3.8	12	13	14
Potassium	-	-	100 J	550	380	340	470	140 J	830	510	400
Selenium	-	5800	< 1.6	0.56 J	< 1.8	< 1.9	< 1.9	< 1.7	< 1.8	< 1.8	< 1.8
Silver	-	5800	< 0.82	< 0.89	< 0.90	< 0.95	< 0.95	< 0.84	< 0.92	< 0.91	< 0.91
Sodium	-	-	40 J	170 J	130 J	160 J	140 J	62 J	340	160 J	130 J
Thallium	-	12	< 1.6	< 1.8	< 1.8	< 1.9	< 1.9	< 1.7	< 1.8	< 1.8	< 1.8
Vanadium	-	5800	12	17	16	18	28	13	24	20	26
Zinc	-	350000	4.2	50	43	40	52	9.0	180	43	47
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	< 0.19	< 0.19	< 0.20	< 0.20	< 0.71	< 0.77	< 0.19	< 0.20
2-Methylnaphthalene	-	3000	< 0.22	< 0.23	< 0.23	< 0.23	< 0.24	< 0.85	0.55 J	< 0.23	< 0.24
Acenaphthene	-	45000	0.10 J	< 0.15	< 0.15	< 0.16	< 0.16	< 0.57	1.1	< 0.16	< 0.16
Acenaphthylene	-	-	< 0.14	< 0.15	< 0.15	< 0.16	< 0.16	< 0.57	2.0	< 0.16	< 0.16
Anthracene	-	230000	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.43	5.5	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	0.036 J	0.047 J	< 0.11	< 0.12	< 0.12	< 0.43	6.9	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	< 0.14	< 0.15	< 0.15	< 0.16	< 0.16	< 0.57	5.5	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	0.043 J	0.045 J	< 0.11	< 0.12	< 0.12	< 0.43	6.9	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	< 0.14	< 0.15	< 0.15	< 0.16	< 0.16	< 0.57	3.3	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.43	2.8	< 0.12	< 0.12
Chrysene	-	290	0.047 J	0.048 J	< 0.11	< 0.12	< 0.12	0.14 J	5.9	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.11	< 0.11	< 0.11	< 0.12	< 0.12	< 0.43	1.1	< 0.12	< 0.12
Fluoranthene	-	30000	0.084 J	0.099 J	0.062 J	< 0.12	< 0.12	< 0.43	13	0.046 J	< 0.12
Fluorene	-	30000	< 0.18	< 0.19	< 0.19	< 0.20	< 0.20	< 0.71	3.8	< 0.19	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.14	< 0.15	< 0.15	< 0.16	< 0.16	< 0.57	3.2	< 0.16	< 0.16
Naphthalene	-	17	< 0.18	< 0.19	< 0.19	< 0.20	< 0.20	< 0.71	0.92	< 0.19	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-121 07/21/2015 DP-121-SO-010-01 Primary 1	DP-121 07/21/2015 DP-121-SO-050-01 Primary 5	DP-121 07/21/2015 DP-121-SO-100-01 Primary 10	DP-121 07/21/2015 DP-121-SO-200-01 Primary 20	DP-121 07/21/2015 DP-121-SO-300-01 Primary 30	DP-122 07/21/2015 DP-122-SO-010-01 Primary 1	DP-122 07/21/2015 DP-122-SO-050-01 Primary 5	DP-122 07/21/2015 DP-122-SO-100-01 Primary 10	DP-122 07/21/2015 DP-122-SO-200-01 Primary 20
Phenanthrene	-	-	0.11	0.058 J	0.076 J	< 0.12	< 0.12	0.16 J	15	< 0.12	< 0.12
Pyrene	-	23000	0.072 J	0.084 J	0.053 J	< 0.12	< 0.12	< 0.43	11	0.039 J	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	2.8	< 2.7	< 2.9	< 2.8	< 3.0	3.2	2.0 J	< 3.0	< 3.0
Diesel Range Organics (C9-C44)	100	-	467	49.3	95.3	18.1 J	5.30 J	1,350	1,250	75.6	< 38.8

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-122 07/21/2015 DP-122-SO-300-01 Primary 30	DP-123 07/21/2015 DP-123-SO-010-01 Primary 1	DP-123 07/21/2015 DP-123-SO-050-01 Primary 5	DP-123 07/21/2015 DP-123-SO-100-01 Primary 10	DP-123 07/21/2015 DP-123-SO-200-01 Primary 20	DP-123 07/21/2015 DP-123-SO-300-01 Primary 30	DP-124 07/22/2015 DP-124-SO-010-01 Primary 1	DP-124 07/22/2015 DP-124-SO-050-01 Primary 5	DP-124 07/22/2015 DP-124-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	10,000	3,800	6,300	7,700	10,000	11,000	4,900	5,600	8,100
Antimony	-	470	< 4.8	< 4.3	< 4.4	< 4.6	< 4.6	< 4.5	< 4.3	< 4.5	< 4.7
Arsenic	-	3	2.2	2.0	12	1.3	1.7	2.1	1.6	1.6	< 0.94
Barium	-	220000	90	12	160	71	58	80	28	140	61
Beryllium	-	2300	0.77	0.57	0.61	0.6	0.61	0.67	0.16 J	0.39 J	0.62
Cadmium	-	980	< 0.96	< 0.86	0.68 J	< 0.93	< 0.92	< 0.90	< 0.86	< 0.90	< 0.94
Calcium	-	-	520	270	11,000	1,200	160	290	54,000	36,000	870
Chromium	-	-	18	29	80	16	15	27	22	12	16
Cobalt	-	350	7.3	2.3	11	7.2	15	5.3	4.5	5.2	8.4
Copper	-	47000	16	6.3	52	16	14	13	18	13	15
Iron	-	820000	25,000	24,000	17,000	17,000	22,000	20,000	12,000	11,000	17,000
Lead	-	800	14	6.6	140	16	13	10	13	520	15
Magnesium	-	-	2,400	170	12,000	2,100	2,400	2,300	17,000	3,700	2,200
Manganese	-	26000	230	43	170	100	430	120	140	190	130
Mercury	-	40	0.020 J	< 0.070	0.29	0.090	< 0.080	0.020 J	0.020 J	0.73	0.090
Nickel	-	22000	15	5.4	90	14	13	13	30	7.4	14
Potassium	-	-	420	210	620	520	410	460	370	720	500
Selenium	-	5800	< 1.9	< 1.7	2.2	< 1.9	< 1.8	< 1.8	< 1.7	0.30 J	0.29 J
Silver	-	5800	< 0.96	< 0.86	< 0.88	< 0.93	< 0.92	< 0.90	< 0.86	< 0.90	< 0.94
Sodium	-	-	130 J	200	370	150 J	140 J	120 J	220	300	140 J
Thallium	-	12	< 1.9	< 1.7	< 1.8	< 1.9	< 1.8	< 1.8	< 1.7	< 1.8	< 1.9
Vanadium	-	5800	27	19	20	21	25	34	34	18	21
Zinc	-	350000	47	14	270	44	43	42	22	99	46
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.18	< 0.19	< 0.20	< 0.20	< 0.20	< 1.8	< 0.19	< 0.20
2-Methylnaphthalene	-	3000	< 0.24	< 0.22	< 0.23	< 0.23	< 0.24	< 0.24	0.66 J	0.12 J	< 0.23
Acenaphthene	-	45000	< 0.16	< 0.14	0.16	< 0.16	< 0.16	< 0.16	< 1.4	0.30	< 0.16
Acenaphthylene	-	-	< 0.16	< 0.14	0.13 J	< 0.16	< 0.16	< 0.16	< 1.4	0.19	< 0.16
Anthracene	-	230000	< 0.12	< 0.11	0.48	< 0.12	< 0.12	< 0.12	< 1.1	0.88	0.043 J
Benzo(a)anthracene	-	2.9	< 0.12	0.074 J	1.0	< 0.12	< 0.12	< 0.12	< 1.1	1.3	0.12
Benzo(a)pyrene	-	0.29	< 0.16	0.064 J	0.78	< 0.16	< 0.16	< 0.16	< 1.4	1.1	0.10 J
Benzo(b)fluoranthene	-	2.9	< 0.12	0.088 J	1.3	< 0.12	< 0.12	< 0.12	< 1.1	1.4	0.11 J
Benzo(g,h,i)perylene	-	-	< 0.16	0.045 J	0.52	< 0.16	< 0.16	< 0.16	< 1.4	0.68	0.045 J
Benzo(k)fluoranthene	-	29	< 0.12	0.039 J	0.40	< 0.12	< 0.12	< 0.12	< 1.1	0.61	0.046 J
Chrysene	-	290	< 0.12	0.077 J	1.2	< 0.12	< 0.12	< 0.12	< 1.1	1.3	0.11 J
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.11	0.18	< 0.12	< 0.12	< 0.12	< 1.1	0.18	< 0.12
Fluoranthene	-	30000	< 0.12	0.15	1.8	0.053 J	< 0.12	< 0.12	0.35 J	2.9	0.18
Fluorene	-	30000	< 0.20	< 0.18	0.36	< 0.20	< 0.20	< 0.20	< 1.8	0.59	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.14	0.46	< 0.16	< 0.16	< 0.16	< 1.4	0.6	< 0.16
Naphthalene	-	17	< 0.20	< 0.18	0.088 J	< 0.20	< 0.20	< 0.20	< 1.8	0.3	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-122 07/21/2015 DP-122-SO-300-01 Primary 30	DP-123 07/21/2015 DP-123-SO-010-01 Primary 1	DP-123 07/21/2015 DP-123-SO-050-01 Primary 5	DP-123 07/21/2015 DP-123-SO-100-01 Primary 10	DP-123 07/21/2015 DP-123-SO-200-01 Primary 20	DP-123 07/21/2015 DP-123-SO-300-01 Primary 30	DP-124 07/22/2015 DP-124-SO-010-01 Primary 1	DP-124 07/22/2015 DP-124-SO-050-01 Primary 5	DP-124 07/22/2015 DP-124-SO-100-01 Primary 10
Phenanthrene	-	-	< 0.12	0.046 J	1.3	0.043 J	< 0.12	< 0.12	0.43 J	2.6	0.074 J
Pyrene	-	23000	< 0.12	0.13	1.6	0.042 J	< 0.12	< 0.12	0.35 J	2.4	0.19
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 2.7	1.4 J	< 2.9	< 3.0	< 3.0	18	3.3	< 2.9
Diesel Range Organics (C9-C44)	100	-	12.8 J	411	288	14.6 J	4.82 J	5.44 J	3,750	918	19.5 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-124 07/22/2015 DP-124-SO-200-01 Primary 20	DP-124 07/22/2015 DP-124-SO-300-01 Primary 30	DP-125 07/22/2015 DP-125-SO-010-01 Primary 1	DP-125 07/22/2015 DP-125-SO-050-01 Primary 5	DP-125 07/22/2015 DP-125-SO-100-01 Primary 10	DP-125 07/22/2015 DP-125-SO-100-02 Duplicate 10	DP-125 07/22/2015 DP-125-SO-200-01 Primary 20	DP-125 07/22/2015 DP-125-SO-300-01 Primary 30	DP-126 07/22/2015 DP-126-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	10,000	9,200	4,200	7,000	10,000	6,200	11,000	8,200	5,100
Antimony	-	470	< 4.6	< 4.6	< 4.2	< 4.8	< 4.7	< 4.7	< 4.8	< 4.6	< 4.5
Arsenic	-	3	< 0.93	< 0.93	0.17 J	0.29 J	< 0.94	< 0.93	< 0.95	0.20 J	1.2
Barium	-	220000	74	78	47	120	95	70	90	74	40
Beryllium	-	2300	0.75	0.70	0.14 J	0.60	0.83	0.58	0.76	0.63	0.15 J
Cadmium	-	980	< 0.93	< 0.93	< 0.84	< 0.96	< 0.94	< 0.93	< 0.95	< 0.91	< 0.90
Calcium	-	-	360	460	14,000	11,000	1,600	4,000	420	460	69,000
Chromium	-	-	17	14	15	14	18	13	22	15	27
Cobalt	-	350	19	10	2.7	8.2	8.6	7.6	6.6	8.9	5.2
Copper	-	47000	14	14	10	16	16	12	15	13	11
Iron	-	820000	26,000	24,000	8,100	16,000	21,000	17,000	26,000	22,000	8,300
Lead	-	800	15	13	13	490	22	32	13	12	16
Magnesium	-	-	2,900	2,300	2,900	1,800	2,900	1,500	3,000	2,300	9,000
Manganese	-	26000	640	320	73	160	120	250	250	320	150
Mercury	-	40	< 0.080	0.020 J	0.020 J	0.45	0.060 J	0.020 J	< 0.080	< 0.080	0.030 J
Nickel	-	22000	15	13	17	12	16	9.7	15	12	46
Potassium	-	-	450	440	400	590	530	490	410	400	490
Selenium	-	5800	0.34 J	< 1.9	< 1.7	< 1.9	< 1.9	< 1.9	< 1.9	< 1.8	< 1.8
Silver	-	5800	< 0.93	< 0.93	< 0.84	< 0.96	< 0.94	< 0.93	< 0.95	< 0.91	< 0.90
Sodium	-	-	180	170 J	430	330	170 J	120 J	280	140 J	230
Thallium	-	12	< 1.8	< 1.9	< 1.7	< 1.9	0.46 J	< 1.9	< 1.9	< 1.8	< 1.8
Vanadium	-	5800	26	22	23	21	24	19	28	22	23
Zinc	-	350000	53	45	13	140	60	66	51	42	24
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.20	< 1.8	< 0.20	< 0.20	< 0.20	< 0.19	< 0.20	< 1.9
2-Methylnaphthalene	-	3000	< 0.24	< 0.24	< 2.2	0.074 J	< 0.24	< 0.24	< 0.23	< 0.23	< 2.2
Acenaphthene	-	45000	< 0.16	< 0.16	< 1.5	0.33	0.049 J	< 0.16	< 0.16	< 0.16	< 1.5
Acenaphthylene	-	-	< 0.16	< 0.16	< 1.5	0.32	< 0.16	< 0.16	< 0.16	< 0.16	< 1.5
Anthracene	-	230000	< 0.12	< 0.12	< 1.1	1.0	0.070 J	0.046 J	< 0.12	< 0.12	< 1.1
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	< 1.1	1.5	0.098 J	0.062 J	< 0.12	< 0.12	< 1.1
Benzo(a)pyrene	-	0.29	< 0.16	< 0.16	< 1.5	1.3	0.088 J	0.054 J	< 0.16	< 0.16	< 1.5
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	< 1.1	1.7	0.12	0.072 J	< 0.12	< 0.12	0.39 J
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.16	< 1.5	0.77	0.048 J	< 0.16	< 0.16	< 0.16	< 1.5
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	< 1.1	0.58	< 0.12	< 0.12	< 0.12	< 0.12	< 1.1
Chrysene	-	290	< 0.12	< 0.12	< 1.1	1.4	0.097 J	0.057 J	< 0.12	< 0.12	0.38 J
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	< 1.1	0.24	< 0.12	< 0.12	< 0.12	< 0.12	< 1.1
Fluoranthene	-	30000	< 0.12	< 0.12	0.42 J	2.9	0.25	0.16	< 0.12	< 0.12	0.72 J
Fluorene	-	30000	< 0.20	< 0.20	< 1.8	0.54	0.060 J	< 0.20	< 0.19	< 0.20	< 1.9
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.16	< 1.5	0.70	0.048 J	< 0.16	< 0.16	< 0.16	< 1.5
Naphthalene	-	17	< 0.20	< 0.20	< 1.8	0.17 J	< 0.20	< 0.20	< 0.19	< 0.20	< 1.9

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-124 07/22/2015 DP-124-SO-200-01 Primary 20	DP-124 07/22/2015 DP-124-SO-300-01 Primary 30	DP-125 07/22/2015 DP-125-SO-010-01 Primary 1	DP-125 07/22/2015 DP-125-SO-050-01 Primary 5	DP-125 07/22/2015 DP-125-SO-100-01 Primary 10	DP-125 07/22/2015 DP-125-SO-100-02 Duplicate 10	DP-125 07/22/2015 DP-125-SO-200-01 Primary 20	DP-125 07/22/2015 DP-125-SO-300-01 Primary 30	DP-126 07/22/2015 DP-126-SO-010-01 Primary 1
Phenanthrene	-	-	< 0.12	< 0.12	0.47 J	2.7	0.28	0.18	< 0.12	< 0.12	0.84 J
Pyrene	-	23000	< 0.12	< 0.12	0.39 J	2.5	0.19	0.12	< 0.12	< 0.12	0.65 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 3.0	2.8	< 2.8	< 2.9	< 3.0	< 2.9	< 2.7	11
Diesel Range Organics (C9-C44)	100	-	8.97 J	< 38.6	2,070	44.1	16.0 J	12.0 J	< 39.7	< 38.2	3,780

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-126 07/22/2015 DP-126-SO-050-01 Primary 5	DP-126 07/22/2015 DP-126-SO-100-01 Primary 10	DP-126 07/22/2015 DP-126-SO-200-01 Primary 20	DP-126 07/22/2015 DP-126-SO-300-01 Primary 30	DP-127 07/22/2015 DP-127-SO-010-01 Primary 1	DP-127 07/22/2015 DP-127-SO-050-01 Primary 5	DP-127 07/22/2015 DP-127-SO-100-01 Primary 10	DP-127 07/22/2015 DP-127-SO-200-01 Primary 20	DP-127 07/22/2015 DP-127-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	6,200	6,400	11,000	8,100	7,600	9,000	10,000	8,400	9,300
Antimony	-	470	< 4.2	< 4.5	< 4.7	< 4.7	< 4.3	< 4.4	< 4.7	< 4.4	< 4.7
Arsenic	-	3	7.4	< 0.91	0.63 J	< 0.93	2.8	< 0.88	0.67 J	0.21 J	0.22 J
Barium	-	220000	56	74	72	60	34	70	29	52	86
Beryllium	-	2300	0.47	0.51	0.77	0.64	0.19 J	0.39 J	0.23 J	0.63	0.68
Cadmium	-	980	< 0.85	< 0.91	< 0.94	< 0.93	< 0.86	< 0.88	< 0.95	< 0.89	< 0.95
Calcium	-	-	950	15,000	190	320	14,000	39,000	1,500	230	290
Chromium	-	-	13	15	26	18	26	43	14	13	16
Cobalt	-	350	5.8	9.2	9.1	6.0	6.8	7.1	3.2	25	12
Copper	-	47000	8.8	15	14	14	35	21	12	12	13
Iron	-	820000	18,000	15,000	28,000	23,000	16,000	14,000	24,000	20,000	21,000
Lead	-	800	28	31	14	12	15	22	13	14	13
Magnesium	-	-	970	1,600	2,800	2,000	7,100	7,800	450	2,200	2,300
Manganese	-	26000	96	110	340	230	180	280	81	700	360
Mercury	-	40	0.55	0.12	0.050 J	0.020 J	0.040 J	0.070 J	0.030 J	0.020 J	0.030 J
Nickel	-	22000	6.3	14	14	12	33	32	5.0	12	13
Potassium	-	-	500	470	440	370	660	1,400	380	320	360
Selenium	-	5800	0.44 J	0.45 J	0.32 J	0.36 J	< 1.7	< 1.8	< 1.9	< 1.8	< 1.9
Silver	-	5800	< 0.85	< 0.91	< 0.94	< 0.93	< 0.86	< 0.88	< 0.95	< 0.89	< 0.95
Sodium	-	-	120 J	170 J	140 J	130 J	94 J	94 J	< 190	51 J	65 J
Thallium	-	12	0.39 J	< 1.8	< 1.9	< 1.9	< 1.7	< 1.8	0.59 J	< 1.8	< 1.9
Vanadium	-	5800	21	18	29	21	38	32	30	21	23
Zinc	-	350000	57	44	50	42	29	32	21	41	44
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	< 0.20	< 0.20	< 0.20	-	-	-	-	-
2-Methylnaphthalene	-	3000	< 0.22	< 0.24	< 0.24	< 0.24	-	-	-	-	-
Acenaphthene	-	45000	0.048 J	< 0.16	< 0.16	< 0.16	-	-	-	-	-
Acenaphthylene	-	-	0.034 J	< 0.16	< 0.16	< 0.16	-	-	-	-	-
Anthracene	-	230000	0.14	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Benzo(a)anthracene	-	2.9	0.24	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Benzo(a)pyrene	-	0.29	0.19	< 0.16	< 0.16	< 0.16	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	0.40	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	0.13 J	< 0.16	< 0.16	< 0.16	-	-	-	-	-
Benzo(k)fluoranthene	-	29	0.14	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Chrysene	-	290	0.39	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	0.046 J	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Fluoranthene	-	30000	0.50	0.040 J	< 0.12	< 0.12	-	-	-	-	-
Fluorene	-	30000	0.084 J	< 0.20	< 0.20	< 0.20	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	0.13 J	< 0.16	< 0.16	< 0.16	-	-	-	-	-
Naphthalene	-	17	0.098 J	< 0.20	< 0.20	< 0.20	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-126 07/22/2015 DP-126-SO-050-01 Primary 5	DP-126 07/22/2015 DP-126-SO-100-01 Primary 10	DP-126 07/22/2015 DP-126-SO-200-01 Primary 20	DP-126 07/22/2015 DP-126-SO-300-01 Primary 30	DP-127 07/22/2015 DP-127-SO-010-01 Primary 1	DP-127 07/22/2015 DP-127-SO-050-01 Primary 5	DP-127 07/22/2015 DP-127-SO-100-01 Primary 10	DP-127 07/22/2015 DP-127-SO-200-01 Primary 20	DP-127 07/22/2015 DP-127-SO-300-01 Primary 30
Phenanthrene	-	-	0.35	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Pyrene	-	23000	0.42	< 0.12	< 0.12	< 0.12	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.7	< 2.7	< 2.9	< 2.9	< 2.4	< 2.8	< 3.0	< 2.8	< 2.5
Diesel Range Organics (C9-C44)	100	-	14.6 J	< 39.6	< 40.0	< 39.4	249	808	455	< 39.0	4.38 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-128 07/22/2015 DP-128-SO-010-01 Primary 1	DP-128 07/22/2015 DP-128-SO-050-01 Primary 5	DP-128 07/22/2015 DP-128-SO-100-01 Primary 10	DP-128 07/22/2015 DP-128-SO-200-01 Primary 20	DP-128 07/22/2015 DP-128-SO-300-01 Primary 30	DP-129 07/22/2015 DP-129-SO-010-01 Primary 1	DP-129 07/22/2015 DP-129-SO-050-01 Primary 5	DP-129 07/22/2015 DP-129-SO-100-01 Primary 10	DP-129 07/22/2015 DP-129-SO-200-01 Primary 20
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	5,700	7,200	5,800	10,000	10,000	9,700	6,200	8,500	8,600
Antimony	-	470	< 4.2	< 4.4	< 4.6	< 4.6	< 4.7	< 4.4	< 4.6	< 4.6	< 4.4
Arsenic	-	3	9.7	0.94	< 0.93	< 0.92	< 0.94	1.3	5.9	< 0.92	0.36 J
Barium	-	220000	34	43	54	82	58	40	91	70	76
Beryllium	-	2300	0.25 J	0.30 J	0.52	0.68	0.50	0.29 J	0.56	0.64	0.65
Cadmium	-	980	0.090 J	< 0.87	< 0.93	< 0.92	< 0.94	< 0.88	< 0.91	< 0.92	< 0.89
Calcium	-	-	11,000	1,400	2,600	100	1,100	930	4,000	1,100	190
Chromium	-	-	26	10	14	18	21	17	14	18	15
Cobalt	-	350	5.7	5.2	6.9	7.2	5.4	3.2	8.2	9.5	7.0
Copper	-	47000	24	12	14	15	13	6	17	16	13
Iron	-	820000	16,000	19,000	14,000	24,000	25,000	14,000	15,000	19,000	20,000
Lead	-	800	40	21	22	13	15	12	64	14	12
Magnesium	-	-	4,600	600	1,600	2,600	1,200	1,300	1,100	2,600	2,300
Manganese	-	26000	150	140	110	200	110	84	260	160	240
Mercury	-	40	0.09	0.020 J	0.22	< 0.080	0.11	0.040 J	0.22	0.040 J	< 0.070
Nickel	-	22000	31	6.7	9.2	13	8.4	10	9.6	16	13
Potassium	-	-	360	390	440	390	580	380	460	470	300
Selenium	-	5800	0.30 J	0.33 J	< 1.9	< 1.8	0.28 J	0.31 J	< 1.8	< 1.8	< 1.8
Silver	-	5800	< 0.85	< 0.87	< 0.93	< 0.92	< 0.94	< 0.88	< 0.91	< 0.92	< 0.89
Sodium	-	-	120 J	< 170	170 J	66 J	83 J	62 J	42 J	< 180	100 J
Thallium	-	12	< 1.7	< 1.7	0.66 J	< 1.8	< 1.9	0.44 J	< 1.8	0.40 J	< 1.8
Vanadium	-	5800	34	24	21	27	38	24	24	23	22
Zinc	-	350000	41	34	36	46	28	19	48	52	41
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-128 07/22/2015 DP-128-SO-010-01 Primary 1	DP-128 07/22/2015 DP-128-SO-050-01 Primary 5	DP-128 07/22/2015 DP-128-SO-100-01 Primary 10	DP-128 07/22/2015 DP-128-SO-200-01 Primary 20	DP-128 07/22/2015 DP-128-SO-300-01 Primary 30	DP-129 07/22/2015 DP-129-SO-010-01 Primary 1	DP-129 07/22/2015 DP-129-SO-050-01 Primary 5	DP-129 07/22/2015 DP-129-SO-100-01 Primary 10	DP-129 07/22/2015 DP-129-SO-200-01 Primary 20
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.6	< 2.8	< 2.9	< 2.9	< 2.9	< 2.7	< 2.9	< 2.9	< 2.8
Diesel Range Organics (C9-C44)	100	-	372	22.1 J	15.1 J	< 38.6	9.42 J	7.32 J	75.2	4.55 J	< 38.8

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
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TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-129 07/22/2015 DP-129-SO-300-01 Primary 30	DP-130 07/22/2015 DP-130-SO-010-01 Primary 1	DP-130 07/22/2015 DP-130-SO-050-01 Primary 5	DP-130 07/22/2015 DP-130-SO-100-01 Primary 10	DP-130 07/22/2015 DP-130-SO-200-01 Primary 20	DP-130 07/22/2015 DP-130-SO-300-01 Primary 30	DP-131 07/22/2015 DP-131-SO-010-01 Primary 1	DP-131 07/22/2015 DP-131-SO-050-01 Primary 5	DP-131 07/22/2015 DP-131-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	15,000	6,000	3,700	7,900	8,900	10,000	5,000	4,100	7,600
Antimony	-	470	< 4.6	< 4.4	< 4.3	< 4.8	< 4.6	< 4.6	< 4.0	< 4.5	< 4.5
Arsenic	-	3	< 0.92	1.4	0.94	< 0.95	0.44 J	0.18 J	< 0.80	4.3	< 0.89
Barium	-	220000	130	51	16	72	67	91	9.2	20	66
Beryllium	-	2300	0.43 J	0.43 J	0.16 J	0.66	0.64	0.78	< 0.40	0.22 J	0.60
Cadmium	-	980	< 0.92	< 0.88	< 0.87	< 0.95	< 0.92	< 0.92	< 0.80	< 0.90	< 0.89
Calcium	-	-	1,400	3,400	750	1,300	120	410	2,700	3,600	970
Chromium	-	-	45	23	13	16	15	16	11	26	16
Cobalt	-	350	11	7.7	1.4 J	7.7	6.6	12	6.6	6.4	8.1
Copper	-	47000	42	17	6.2	16	13	15	53	19	14
Iron	-	820000	18,000	20,000	12,000	19,000	21,000	24,000	10,000	13,000	19,000
Lead	-	800	5.2	73	23	39	12	14	3.7 J	34	12
Magnesium	-	-	9,500	4,300	510	1,900	2,200	2,500	3,400	6,800	2,200
Manganese	-	26000	180	200	26	200	230	590	93	130	180
Mercury	-	40	< 0.080	0.17	0.08	0.28	0.020 J	0.030 J	< 0.070	0.050 J	0.030 J
Nickel	-	22000	29	43	4.4	12	13	15	11	55	13
Potassium	-	-	3,400	430	200 J	440	320	380	270	340	410
Selenium	-	5800	< 1.8	< 1.8	0.38 J	0.38 J	< 1.8	0.30 J	< 1.6	< 1.8	0.35 J
Silver	-	5800	< 0.92	< 0.88	< 0.87	< 0.95	< 0.92	< 0.92	< 0.80	< 0.90	< 0.89
Sodium	-	-	140 J	160 J	86 J	39 J	72 J	62 J	390	160 J	85 J
Thallium	-	12	< 1.8	< 1.8	0.45 J	< 1.9	< 1.8	< 1.8	< 1.6	< 1.8	< 1.8
Vanadium	-	5800	50	23	21	22	22	24	48	25	20
Zinc	-	350000	56	62	13	46	42	52	18	28	43
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-129 07/22/2015 DP-129-SO-300-01 Primary 30	DP-130 07/22/2015 DP-130-SO-010-01 Primary 1	DP-130 07/22/2015 DP-130-SO-050-01 Primary 5	DP-130 07/22/2015 DP-130-SO-100-01 Primary 10	DP-130 07/22/2015 DP-130-SO-200-01 Primary 20	DP-130 07/22/2015 DP-130-SO-300-01 Primary 30	DP-131 07/22/2015 DP-131-SO-010-01 Primary 1	DP-131 07/22/2015 DP-131-SO-050-01 Primary 5	DP-131 07/22/2015 DP-131-SO-100-01 Primary 10
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.7	< 2.8	< 3.0	< 2.8	< 2.9	1.5 J	< 2.8	< 2.7
Diesel Range Organics (C9-C44)	100	-	< 36.4	182	15.4 J	7.75 J	< 39.4	< 39.2	3,680	154	58.4

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-131 07/22/2015 DP-131-SO-200-01 Primary 20	DP-132 07/22/2015 DP-132-SO-010-01 Primary 1	DP-132 07/22/2015 DP-132-SO-050-01 Primary 5	DP-132 07/22/2015 DP-132-SO-100-01 Primary 10	DP-132 07/22/2015 DP-132-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-010-01 Primary 1	DP-133 07/22/2015 DP-133-SO-050-01 Primary 5	DP-133 07/22/2015 DP-133-SO-100-01 Primary 10	DP-133 07/22/2015 DP-133-SO-100-02 Duplicate 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	10,000	5,400	4,300	9,600	11,000	7,400	12,000	10,000	10,000
Antimony	-	470	2.0 J	< 4.2	< 4.3	< 4.7	< 4.7	< 4.4	< 4.7	< 4.6	< 4.6
Arsenic	-	3	< 0.92	1.8	0.39 J	0.79 J	12	15	12	11	10
Barium	-	220000	59	44	28	59	54	29	52	56	56
Beryllium	-	2300	0.72	0.26 J	0.29 J	0.54	0.71	< 0.44	0.74	0.66	0.63
Cadmium	-	980	< 0.92	0.14 J	< 0.86	< 0.94	< 0.95	< 0.89	< 0.94	< 0.93	< 0.92
Calcium	-	-	170	42,000	1,100	760	280	9,100	100	120	110
Chromium	-	-	16	12	10	19	15	16	19	14	15
Cobalt	-	350	8.5	4.1	3.2	7.3	17	7.5	8.4	15	11
Copper	-	47000	14	19	7.5	12	15	49	15	14	14
Iron	-	820000	22,000	12,000	11,000	20,000	23,000	19,000	25,000	22,000	21,000
Lead	-	800	12	77	19	26	< 4.7	10	< 4.7	< 4.6	< 4.6
Magnesium	-	-	3,000	2,800	580	1,300	2,200	4,500	2,600	2,200	2,200
Manganese	-	26000	250	140	64	140	600	170	250	460	290
Mercury	-	40	< 0.080	0.12	0.040 J	0.060 J	< 0.080	0.08	0.020 J	0.030 J	0.030 J
Nickel	-	22000	14	8.5	4.7	9.6	13	15	14	13	13
Potassium	-	-	620	360	270	420	500	490	500	470	470
Selenium	-	5800	< 1.8	< 1.7	< 1.7	0.45 J	< 1.9	< 1.8	< 1.9	< 1.8	< 1.8
Silver	-	5800	< 0.92	< 0.85	< 0.86	< 0.94	< 0.95	< 0.89	< 0.94	< 0.93	< 0.92
Sodium	-	-	46 J	68 J	44 J	110 J	79 J	340	73 J	87 J	78 J
Thallium	-	12	< 1.8	< 1.7	< 1.7	< 1.9	< 1.9	< 1.8	< 1.9	< 1.8	< 1.8
Vanadium	-	5800	24	20	15	33	25	70	28	24	24
Zinc	-	350000	46	52	27	33	48	46	49	46	45
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-131 07/22/2015 DP-131-SO-200-01 Primary 20	DP-132 07/22/2015 DP-132-SO-010-01 Primary 1	DP-132 07/22/2015 DP-132-SO-050-01 Primary 5	DP-132 07/22/2015 DP-132-SO-100-01 Primary 10	DP-132 07/22/2015 DP-132-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-010-01 Primary 1	DP-133 07/22/2015 DP-133-SO-050-01 Primary 5	DP-133 07/22/2015 DP-133-SO-100-01 Primary 10	DP-133 07/22/2015 DP-133-SO-100-02 Duplicate 10
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.7	< 2.4	< 2.7	< 2.9	< 2.7	< 3.0	< 2.9	< 2.8
Diesel Range Organics (C9-C44)	100	-	42.1	130	12.8 J	7.11 J	6.02 J	714	4.32 J	5.64 J	< 38.3

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-133 07/22/2015 DP-133-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-300-01 Primary 30	DP-134 07/22/2015 DP-134-SO-010-01 Primary 1	DP-134 07/22/2015 DP-134-SO-050-01 Primary 5	DP-134 07/22/2015 DP-134-SO-100-01 Primary 10	DP-134 07/22/2015 DP-134-SO-200-01 Primary 20	DP-134 07/22/2015 DP-134-SO-300-01 Primary 30	DP-135 07/22/2015 DP-135-SO-010-01 Primary 1	DP-135 07/22/2015 DP-135-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	12,000	10,000	7,900	7,200	13,000	11,000	11,000	6,900	8,600
Antimony	-	470	< 4.8	< 4.9	< 4.3	< 4.4	< 4.7	< 4.7	< 4.7	< 4.5	< 4.4
Arsenic	-	3	13	12	9.5	5.7	15	11	11	11	5.3
Barium	-	220000	88	79	57	54	66	69	99	53	75
Beryllium	-	2300	0.81	0.72	0.32 J	0.34 J	0.67	0.69	0.69	0.36 J	0.45
Cadmium	-	980	< 0.97	0.070 J	0.10 J	0.090 J	< 0.95	< 0.94	< 0.94	0.12 J	0.070 J
Calcium	-	-	510	610	40,000	50,000	1,400	190	610	55,000	54,000
Chromium	-	-	15	16	47	26	20	16	15	46	30
Cobalt	-	350	17	12	8.6	5.3	10	12	10	8.3	4.4
Copper	-	47000	16	16	20	15	15	15	14	12	11
Iron	-	820000	26,000	24,000	15,000	10,000	29,000	23,000	23,000	21,000	9,400
Lead	-	800	< 4.8	< 4.9	23	21	< 4.7	< 4.7	< 4.7	15	24
Magnesium	-	-	2,600	2,100	11,000	5,800	2,000	2,300	2,400	12,000	7,000
Manganese	-	26000	630	430	230	200	260	430	400	210	500
Mercury	-	40	0.050 J	0.070 J	0.090	0.090	0.16	0.030 J	0.040 J	0.060 J	0.050 J
Nickel	-	22000	16	14	86	30	12	14	15	78	19
Potassium	-	-	450	420	920	810	560	500	460	600	750
Selenium	-	5800	< 1.9	< 1.9	< 1.7	< 1.7	< 1.9	< 1.9	< 1.9	< 1.8	< 1.8
Silver	-	5800	< 0.97	< 0.97	< 0.86	< 0.87	< 0.95	< 0.94	< 0.94	< 0.90	< 0.88
Sodium	-	-	84 J	98 J	380	260	83 J	65 J	80 J	150 J	250
Thallium	-	12	< 1.9	< 1.9	< 1.7	< 1.7	< 1.9	< 1.9	< 1.9	< 1.8	< 1.8
Vanadium	-	5800	26	25	35	23	32	24	24	26	38
Zinc	-	350000	56	45	37	30	44	50	48	34	31
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	< 0.18	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	< 0.22	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	< 0.15	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	0.11 J	-	-	-	-	-	-
Anthracene	-	230000	-	-	0.091 J	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	0.16	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	0.21	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	0.2	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	0.17	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	0.15	-	-	-	-	-	-
Chrysene	-	290	-	-	0.24	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	0.050 J	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	0.24	-	-	-	-	-	-
Fluorene	-	30000	-	-	< 0.18	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	0.13 J	-	-	-	-	-	-
Naphthalene	-	17	-	-	< 0.18	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-133 07/22/2015 DP-133-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-300-01 Primary 30	DP-134 07/22/2015 DP-134-SO-010-01 Primary 1	DP-134 07/22/2015 DP-134-SO-050-01 Primary 5	DP-134 07/22/2015 DP-134-SO-100-01 Primary 10	DP-134 07/22/2015 DP-134-SO-200-01 Primary 20	DP-134 07/22/2015 DP-134-SO-300-01 Primary 30	DP-135 07/22/2015 DP-135-SO-010-01 Primary 1	DP-135 07/22/2015 DP-135-SO-050-01 Primary 5
Phenanthrene	-	-	-	-	0.094 J	-	-	-	-	-	-
Pyrene	-	23000	-	-	0.50	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 3.0	< 2.3	< 2.8	< 3.0	< 2.8	< 2.8	7.1	7.5
Diesel Range Organics (C9-C44)	100	-	6.96 J	5.22 J	1,320	1,200	4.93 J	18.9 J	8.87 J	1,000	1,180

NOTES

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- mg/kg = milligrams per kilogram
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- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
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 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-136 07/23/2015 DP-136-SO-010-01 Primary 1	DP-136 07/23/2015 DP-136-SO-050-01 Primary 5	DP-136 07/23/2015 DP-136-SO-100-01 Primary 10	DP-136 07/23/2015 DP-136-SO-200-01 Primary 20	DP-136 07/23/2015 DP-136-SO-300-01 Primary 30	DP-137 07/23/2015 DP-137-SO-010-01 Primary 1	DP-137 07/23/2015 DP-137-SO-050-01 Primary 5	DP-137 07/23/2015 DP-137-SO-100-01 Primary 10	DP-137 07/23/2015 DP-137-SO-200-01 Primary 20
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	5,300	9,400	13,000	10,000
Antimony	-	470	-	-	-	-	-	< 4.4	0.86 J	< 4.7	< 4.8
Arsenic	-	3	-	-	-	-	-	5.8	7.1	5.6	5.3
Barium	-	220000	-	-	-	-	-	13	150	350	68
Beryllium	-	2300	-	-	-	-	-	< 0.44	0.55	0.68	0.69
Cadmium	-	980	-	-	-	-	-	< 0.87	< 0.91	< 0.95	< 0.96
Calcium	-	-	-	-	-	-	-	36,000	4,000	2,200	870
Chromium	-	-	-	-	-	-	-	12	19	19	15
Cobalt	-	350	-	-	-	-	-	4.2	7.6	6.5	7.0
Copper	-	47000	-	-	-	-	-	26	30	14	14
Iron	-	820000	-	-	-	-	-	10,000	19,000	23,000	21,000
Lead	-	800	-	-	-	-	-	6.2	200	18	3.0 J
Magnesium	-	-	-	-	-	-	-	20,000	1,600	1,600	2,200
Manganese	-	26000	-	-	-	-	-	150	370	260	240
Mercury	-	40	-	-	-	-	-	0.040 J	1.6	0.030 J	< 0.080
Nickel	-	22000	-	-	-	-	-	11	12	10	12
Potassium	-	-	-	-	-	-	-	360	800	710	560
Selenium	-	5800	-	-	-	-	-	0.41 J	0.38 J	0.38 J	0.35 J
Silver	-	5800	-	-	-	-	-	< 0.87	< 0.91	< 0.95	< 0.96
Sodium	-	-	-	-	-	-	-	310	96 J	86 J	82 J
Thallium	-	12	-	-	-	-	-	< 1.7	< 1.8	< 1.9	< 1.9
Vanadium	-	5800	-	-	-	-	-	38	22	29	22
Zinc	-	350000	-	-	-	-	-	26	120	560	45
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.37	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	0.15 J	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	< 0.30	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	< 0.30	-	-	-	-	-	-	-	-
Anthracene	-	230000	< 0.22	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	0.14 J	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	0.18 J	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	0.23	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	0.16 J	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	0.083 J	-	-	-	-	-	-	-	-
Chrysene	-	290	0.17 J	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	< 0.22	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	0.19 J	-	-	-	-	-	-	-	-
Fluorene	-	30000	< 0.37	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	0.15 J	-	-	-	-	-	-	-	-
Naphthalene	-	17	< 0.37	-	-	-	-	-	-	-	-

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-136 07/23/2015 DP-136-SO-010-01 Primary 1	DP-136 07/23/2015 DP-136-SO-050-01 Primary 5	DP-136 07/23/2015 DP-136-SO-100-01 Primary 10	DP-136 07/23/2015 DP-136-SO-200-01 Primary 20	DP-136 07/23/2015 DP-136-SO-300-01 Primary 30	DP-137 07/23/2015 DP-137-SO-010-01 Primary 1	DP-137 07/23/2015 DP-137-SO-050-01 Primary 5	DP-137 07/23/2015 DP-137-SO-100-01 Primary 10	DP-137 07/23/2015 DP-137-SO-200-01 Primary 20
Phenanthrene	-	-	0.11 J	-	-	-	-	-	-	-	-
Pyrene	-	23000	0.19 J	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	2.6 J	8.0	< 3.0	2.6 J	< 2.7	< 2.5	< 2.8	< 3.1	< 1.8
Diesel Range Organics (C9-C44)	100	-	1,930	84.9	38.7	24.0 J	14.8 J	2,420	48.9	4.85 J	< 39.5

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-137 07/23/2015 DP-137-SO-300-01 Primary 30	DP-138 07/23/2015 DP-138-SO-010-01 Primary 1	DP-138 07/23/2015 DP-138-SO-050-01 Primary 5	DP-138 07/23/2015 DP-138-SO-100-01 Primary 10	DP-138 07/23/2015 DP-138-SO-200-01 Primary 20	DP-138 07/23/2015 DP-138-SO-300-01 Primary 30	DP-139 07/23/2015 DP-139-SO-010-01 Primary 1	DP-139 07/23/2015 DP-139-SO-050-01 Primary 5	DP-139 07/23/2015 DP-139-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	12,000	7,100	6,800	3,400	8,600	10,000	3,800	6,700	6,700
Antimony	-	470	< 4.6	1.4 J	< 4.7	2.7 J	< 4.6	< 4.5	< 4.4	1.2 J	2.1 J
Arsenic	-	3	2.2	3.8	8.9	7.0	7.4	6.4	2.9	10	11
Barium	-	220000	77	42	63	45	40	54	7.4	62	91
Beryllium	-	2300	0.6	0.36 J	0.68	0.24 J	0.54	0.60	< 0.44	0.54	0.49
Cadmium	-	980	< 0.92	< 0.84	0.080 J	0.080 J	< 0.92	< 0.90	< 0.87	0.38 J	0.30 J
Calcium	-	-	470	8,000	1,400	28,000	220	340	590	8,600	10,000
Chromium	-	-	16	14	14	11	14	20	7.2	14	15
Cobalt	-	350	6.6	7.2	9.1	4.6	5.1	6.2	< 1.7	7.6	8.1
Copper	-	47000	13	15	14	11	11	12	2.0	23	47
Iron	-	820000	14,000	17,000	16,000	9,400	16,000	14,000	6,000	18,000	18,000
Lead	-	800	5.5	40	9.2	55	1.9 J	5.4	1.9 J	140	230
Magnesium	-	-	2,800	1,200	1,400	1,000	2,100	2,800	120	1,500	1,400
Manganese	-	26000	160	200	140	180	61	84	3.9	180	220
Mercury	-	40	0.070 J	0.51	0.12	0.52	< 0.080	0.11	1.1	0.47	1.1
Nickel	-	22000	14	9.1	12	6.5	11	15	0.56 J	12	14
Potassium	-	-	540	590	590	360	310	440	160 J	600	600
Selenium	-	5800	< 1.8	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.8	< 1.8
Silver	-	5800	< 0.92	< 0.84	< 0.94	< 0.91	< 0.92	< 0.90	< 0.87	< 0.89	< 0.91
Sodium	-	-	74 J	58 J	64 J	140 J	380	180	51 J	170 J	140 J
Thallium	-	12	< 1.8	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.8	< 1.8
Vanadium	-	5800	22	24	21	16	19	30	16	22	21
Zinc	-	350000	50	39	42	50	36	50	1.3 J	72	160
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	< 0.98	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	7.7	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	24	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	0.64 J	-	-	-	-	-
Anthracene	-	230000	-	-	-	52	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	96	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	76	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	98	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	41	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	20	-	-	-	-	-
Chrysene	-	290	-	-	-	100	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	12	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	180	-	-	-	-	-
Fluorene	-	30000	-	-	-	23	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	46	-	-	-	-	-
Naphthalene	-	17	-	-	-	8.9	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-137 07/23/2015 DP-137-SO-300-01 Primary 30	DP-138 07/23/2015 DP-138-SO-010-01 Primary 1	DP-138 07/23/2015 DP-138-SO-050-01 Primary 5	DP-138 07/23/2015 DP-138-SO-100-01 Primary 10	DP-138 07/23/2015 DP-138-SO-200-01 Primary 20	DP-138 07/23/2015 DP-138-SO-300-01 Primary 30	DP-139 07/23/2015 DP-139-SO-010-01 Primary 1	DP-139 07/23/2015 DP-139-SO-050-01 Primary 5	DP-139 07/23/2015 DP-139-SO-100-01 Primary 10
Phenanthrene	-	-	-	-	-	170	-	-	-	-	-
Pyrene	-	23000	-	-	-	170	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.6	< 2.7	< 2.9	2.5 J	< 2.7	< 2.7	< 2.6	< 2.6	< 2.8
Diesel Range Organics (C9-C44)	100	-	9.36 J	767	15.5 J	7,500	6.47 J	< 39.3	759	609	177

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-139 07/23/2015 DP-139-SO-100-02 Duplicate 10	DP-139 07/23/2015 DP-139-SO-200-01 Primary 20	DP-139 07/23/2015 DP-139-SO-300-01 Primary 30	DP-140 07/23/2015 DP-140-SO-010-01 Primary 1	DP-140 07/23/2015 DP-140-SO-050-01 Primary 5	DP-140 07/23/2015 DP-140-SO-100-01 Primary 10	DP-140 07/23/2015 DP-140-SO-200-01 Primary 20	DP-140 07/23/2015 DP-140-SO-300-01 Primary 30	DP-141 07/23/2015 DP-141-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	8,200	9,700	11,000	3,800	7,000	3,600	10,000	8,200	7,200
Antimony	-	470	4.0 J	< 4.8	< 4.5	< 4.3	1.0 J	10	< 4.7	< 4.6	< 4.3
Arsenic	-	3	14	15	7.2	5.7	47	33	14	8.6	8.6
Barium	-	220000	92	66	82	10	150	310	100	64	100
Beryllium	-	2300	0.60	0.78	0.64	< 0.43	1.2	0.53	0.87	0.66	0.59
Cadmium	-	980	0.34 J	< 0.95	< 0.90	< 0.86	0.23 J	7.6	< 0.95	< 0.91	0.28 J
Calcium	-	-	11,000	230	370	820	3,400	4,100	420	380	5,000
Chromium	-	-	19	19	18	10	14	16	19	15	15
Cobalt	-	350	7.3	5.9	7.9	3.0	8.5	4.7	13	4.8	7.9
Copper	-	47000	54	16	15	5.5	48	75	16	13	28
Iron	-	820000	24,000	23,000	19,000	11,000	20,000	33,000	26,000	17,000	15,000
Lead	-	800	400	< 4.8	1.3 J	1.9 J	240	1,100	< 4.7	< 4.6	84
Magnesium	-	-	3,600	2,000	3,000	450	940	580	3,000	1,900	1,300
Manganese	-	26000	240	81	100	47	280	220	330	98	130
Mercury	-	40	2.1	0.030 J	< 0.080	0.020 J	13	0.46	0.020 J	0.030 J	1.5
Nickel	-	22000	21	12	16	2.2	14	9.5	16	13	11
Potassium	-	-	660	330	400	160 J	580	280	410	400	550
Selenium	-	5800	< 1.8	< 1.9	< 1.8	< 1.7	2.5	0.49 J	< 1.9	< 1.8	< 1.7
Silver	-	5800	< 0.92	< 0.95	< 0.90	< 0.86	< 0.90	< 1.0	< 0.95	< 0.91	< 0.85
Sodium	-	-	140 J	270	330	110 J	210	190 J	100 J	160 J	140 J
Thallium	-	12	< 1.8	< 1.9	< 1.8	< 1.7	< 1.8	< 2.0	< 1.9	< 1.8	< 1.7
Vanadium	-	5800	30	28	24	22	27	16	27	23	24
Zinc	-	350000	180	39	54	7.0	110	1,900	54	36	100
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-139 07/23/2015 DP-139-SO-100-02 Duplicate 10	DP-139 07/23/2015 DP-139-SO-200-01 Primary 20	DP-139 07/23/2015 DP-139-SO-300-01 Primary 30	DP-140 07/23/2015 DP-140-SO-010-01 Primary 1	DP-140 07/23/2015 DP-140-SO-050-01 Primary 5	DP-140 07/23/2015 DP-140-SO-100-01 Primary 10	DP-140 07/23/2015 DP-140-SO-200-01 Primary 20	DP-140 07/23/2015 DP-140-SO-300-01 Primary 30	DP-141 07/23/2015 DP-141-SO-010-01 Primary 1
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.9	< 2.8	< 2.6	16	< 3.1	< 2.7	< 2.9	< 2.4
Diesel Range Organics (C9-C44)	100	-	216	< 39.5	< 39.4	1,550	273	14.2 J	6.43 J	6.38 J	278

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-141 07/23/2015 DP-141-SO-050-01 Primary 5	DP-141 07/23/2015 DP-141-SO-100-01 Primary 10	DP-141 07/23/2015 DP-141-SO-200-01 Primary 20	DP-141 07/23/2015 DP-141-SO-300-01 Primary 30	DP-142 07/23/2015 DP-142-SO-010-01 Primary 1	DP-142 07/23/2015 DP-142-SO-050-01 Primary 5	DP-142 07/23/2015 DP-142-SO-100-01 Primary 10	DP-142 07/23/2015 DP-142-SO-200-01 Primary 20	DP-142 07/23/2015 DP-142-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	9,300	3,400	11,000	10,000	-	-	-	-	-
Antimony	-	470	< 4.5	0.79 J	< 5.0	< 4.6	-	-	-	-	-
Arsenic	-	3	10	6.4	14	11	-	-	-	-	-
Barium	-	220000	90	120	38	51	-	-	-	-	-
Beryllium	-	2300	0.70	0.27 J	0.82	0.86	-	-	-	-	-
Cadmium	-	980	0.16 J	0.24 J	< 1.0	0.070 J	-	-	-	-	-
Calcium	-	-	2,500	6,700	840	340	-	-	-	-	-
Chromium	-	-	15	7.9	20	20	-	-	-	-	-
Cobalt	-	350	6.4	3.6	7.5	6.8	-	-	-	-	-
Copper	-	47000	14	18	16	16	-	-	-	-	-
Iron	-	820000	18,000	8,500	25,000	24,000	-	-	-	-	-
Lead	-	800	38	360	< 5.0	< 4.6	-	-	-	-	-
Magnesium	-	-	1,400	510	2,000	2,300	-	-	-	-	-
Manganese	-	26000	190	160	90	72	-	-	-	-	-
Mercury	-	40	1.6	1.2	< 0.080	< 0.080	-	-	-	-	-
Nickel	-	22000	10	6.8	12	14	-	-	-	-	-
Potassium	-	-	550	420	420	410	-	-	-	-	-
Selenium	-	5800	< 1.8	< 1.9	< 2.0	< 1.8	-	-	-	-	-
Silver	-	5800	< 0.89	< 0.94	< 1.0	< 0.92	-	-	-	-	-
Sodium	-	-	60 J	150 J	280	300	-	-	-	-	-
Thallium	-	12	< 1.8	< 1.9	< 2.0	< 1.8	-	-	-	-	-
Vanadium	-	5800	25	13	32	31	-	-	-	-	-
Zinc	-	350000	69	130	37	43	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-141 07/23/2015 DP-141-SO-050-01 Primary 5	DP-141 07/23/2015 DP-141-SO-100-01 Primary 10	DP-141 07/23/2015 DP-141-SO-200-01 Primary 20	DP-141 07/23/2015 DP-141-SO-300-01 Primary 30	DP-142 07/23/2015 DP-142-SO-010-01 Primary 1	DP-142 07/23/2015 DP-142-SO-050-01 Primary 5	DP-142 07/23/2015 DP-142-SO-100-01 Primary 10	DP-142 07/23/2015 DP-142-SO-200-01 Primary 20	DP-142 07/23/2015 DP-142-SO-300-01 Primary 30
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.7	< 2.9	< 3.0	< 2.8	< 2.5	< 2.8	< 2.4	< 2.7	< 3.0
Diesel Range Organics (C9-C44)	100	-	140	336	6.72 J	37.6 J	417	11.3 J	69.9	6.57 J	6.92 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-143 07/23/2015 DP-143-SO-010-01 Primary 1	DP-143 07/23/2015 DP-143-SO-050-01 Primary 5	DP-143 07/23/2015 DP-143-SO-100-01 Primary 10	DP-143 07/23/2015 DP-143-SO-200-01 Primary 20	DP-143 07/23/2015 DP-143-SO-300-01 Primary 30	DP-144 07/23/2015 DP-144-SO-010-01 Primary 1	DP-144 07/23/2015 DP-144-SO-050-01 Primary 5	DP-144 07/23/2015 DP-144-SO-100-01 Primary 10	DP-144 07/23/2015 DP-144-SO-200-01 Primary 20
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	-	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	230000	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	-	-
Chrysene	-	290	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	-	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	-	-
Fluorene	-	30000	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	-	-
Naphthalene	-	17	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-143 07/23/2015 DP-143-SO-010-01 Primary 1	DP-143 07/23/2015 DP-143-SO-050-01 Primary 5	DP-143 07/23/2015 DP-143-SO-100-01 Primary 10	DP-143 07/23/2015 DP-143-SO-200-01 Primary 20	DP-143 07/23/2015 DP-143-SO-300-01 Primary 30	DP-144 07/23/2015 DP-144-SO-010-01 Primary 1	DP-144 07/23/2015 DP-144-SO-050-01 Primary 5	DP-144 07/23/2015 DP-144-SO-100-01 Primary 10	DP-144 07/23/2015 DP-144-SO-200-01 Primary 20
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	23000	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	1.6 J	< 2.7	< 2.9	< 2.7	< 2.9	< 2.7	< 2.9	< 2.7
Diesel Range Organics (C9-C44)	100	-	112	260	50.1	< 39.9	7.1 J	260	469	16.3 J	10.2 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-144 07/23/2015 DP-144-SO-300-01 Primary 30	DP-145 07/23/2015 DP-145-SO-010-01 Primary 1	DP-145 07/23/2015 DP-145-SO-050-01 Primary 5	DP-145 07/23/2015 DP-145-SO-100-01 Primary 10	DP-145 07/23/2015 DP-145-SO-100-02 Duplicate 10	DP-145 07/23/2015 DP-145-SO-200-01 Primary 20	DP-145 07/23/2015 DP-145-SO-300-01 Primary 30	DP-146 07/23/2015 DP-146-SO-010-01 Primary 1	DP-146 07/23/2015 DP-146-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	-	-	-	-	< 0.19	-
2-Methylnaphthalene	-	3000	-	-	-	-	-	-	-	< 0.23	-
Acenaphthene	-	45000	-	-	-	-	-	-	-	< 0.15	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	< 0.15	-
Anthracene	-	230000	-	-	-	-	-	-	-	0.048 J	-
Benzo(a)anthracene	-	2.9	-	-	-	-	-	-	-	0.088 J	-
Benzo(a)pyrene	-	0.29	-	-	-	-	-	-	-	0.091 J	-
Benzo(b)fluoranthene	-	2.9	-	-	-	-	-	-	-	0.18	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	0.093 J	-
Benzo(k)fluoranthene	-	29	-	-	-	-	-	-	-	0.052 J	-
Chrysene	-	290	-	-	-	-	-	-	-	0.13	-
Dibenz(a,h)anthracene	-	0.29	-	-	-	-	-	-	-	< 0.11	-
Fluoranthene	-	30000	-	-	-	-	-	-	-	0.15	-
Fluorene	-	30000	-	-	-	-	-	-	-	< 0.19	-
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	-	-	-	-	0.088 J	-
Naphthalene	-	17	-	-	-	-	-	-	-	< 0.19	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-144 07/23/2015 DP-144-SO-300-01 Primary 30	DP-145 07/23/2015 DP-145-SO-010-01 Primary 1	DP-145 07/23/2015 DP-145-SO-050-01 Primary 5	DP-145 07/23/2015 DP-145-SO-100-01 Primary 10	DP-145 07/23/2015 DP-145-SO-100-02 Duplicate 10	DP-145 07/23/2015 DP-145-SO-200-01 Primary 20	DP-145 07/23/2015 DP-145-SO-300-01 Primary 30	DP-146 07/23/2015 DP-146-SO-010-01 Primary 1	DP-146 07/23/2015 DP-146-SO-050-01 Primary 5
Phenanthrene	-	-	-	-	-	-	-	-	-	0.038 J	-
Pyrene	-	23000	-	-	-	-	-	-	-	0.15	-
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	2.4 J	< 2.9	< 2.7	< 3.1	< 2.7	< 2.9	2.1 J	< 2.5
Diesel Range Organics (C9-C44)	100	-	5.37 J	236	432	4.46 J	< 40.5	< 39.6	9.36 J	594	25.1 J

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
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- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-146 07/23/2015 DP-146-SO-100-01 Primary 10	DP-146 07/23/2015 DP-146-SO-200-01 Primary 20	DP-146 07/23/2015 DP-146-SO-300-01 Primary 30	DP-147 07/24/2015 DP-147-SO-010-01 Primary 1	DP-147 07/24/2015 DP-147-SO-050-01 Primary 5	DP-147 07/24/2015 DP-147-SO-050-02 Duplicate 5	DP-147 07/24/2015 DP-147-SO-100-01 Primary 10	DP-147 07/24/2015 DP-147-SO-200-01 Primary 20	DP-147 07/24/2015 DP-147-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	-	-	-	< 0.18	< 0.18	< 0.18	< 0.20	< 0.20	< 0.20
2-Methylnaphthalene	-	3000	-	-	-	< 0.22	0.61	< 0.22	< 0.24	< 0.24	< 0.24
Acenaphthene	-	45000	-	-	-	0.060 J	1.4	< 0.15	< 0.16	< 0.16	< 0.16
Acenaphthylene	-	-	-	-	-	0.11 J	0.56	< 0.15	< 0.16	< 0.16	< 0.16
Anthracene	-	230000	-	-	-	0.19	4.1	0.10 J	0.046 J	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	-	-	-	0.55	9.4	0.29	0.10 J	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	-	-	-	0.56	8.5	0.28	0.10 J	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	-	-	-	0.44	10	0.34	0.081 J	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	-	-	-	0.36	6.5	0.18	0.077 J	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	-	-	-	0.5	7	0.14	0.086 J	< 0.12	< 0.12
Chrysene	-	290	-	-	-	0.56	10	0.32	0.12	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	-	-	-	0.13	2.7	0.040 J	< 0.12	< 0.12	< 0.12
Fluoranthene	-	30000	-	-	-	0.94	23	0.73	0.19	< 0.12	< 0.12
Fluorene	-	30000	-	-	-	0.059 J	1.4	< 0.18	< 0.20	< 0.20	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	-	-	-	0.32	5.6	0.18	0.057 J	< 0.16	< 0.16
Naphthalene	-	17	-	-	-	< 0.18	1.3	< 0.18	< 0.20	< 0.20	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-146 07/23/2015 DP-146-SO-100-01 Primary 10	DP-146 07/23/2015 DP-146-SO-200-01 Primary 20	DP-146 07/23/2015 DP-146-SO-300-01 Primary 30	DP-147 07/24/2015 DP-147-SO-010-01 Primary 1	DP-147 07/24/2015 DP-147-SO-050-01 Primary 5	DP-147 07/24/2015 DP-147-SO-050-02 Duplicate 5	DP-147 07/24/2015 DP-147-SO-100-01 Primary 10	DP-147 07/24/2015 DP-147-SO-200-01 Primary 20	DP-147 07/24/2015 DP-147-SO-300-01 Primary 30
Phenanthrene	-	-	-	-	-	0.58	19	0.52	0.15	< 0.12	< 0.12
Pyrene	-	23000	-	-	-	0.92	20	0.63	0.17	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	2.1 J	1.9 J	< 2.6	< 2.8	< 2.6	< 3.0	< 2.7	< 3.0
Diesel Range Organics (C9-C44)	100	-	14.0 J	5.69 J	5.62 J	1,550	639	52.8	232	< 39.3	< 38.6

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-148 07/24/2015 DP-148-SO-010-01 Primary 1	DP-148 07/24/2015 DP-148-SO-050-01 Primary 5	DP-148 07/24/2015 DP-148-SO-100-01 Primary 10	DP-148 07/24/2015 DP-148-SO-200-01 Primary 20	DP-148 07/24/2015 DP-148-SO-300-01 Primary 30	DP-149 07/24/2015 DP-149-SO-010-01 Primary 1	DP-149 07/24/2015 DP-149-SO-050-01 Primary 5	DP-149 07/24/2015 DP-149-SO-100-01 Primary 10	DP-149 07/24/2015 DP-149-SO-200-01 Primary 20
Inorganic Compounds (mg/kg)											
Aluminum	-	1.10E+06	-	-	-	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.36	< 0.19	< 0.20	< 0.20	< 0.20	< 0.18	< 0.18	< 0.20	< 0.20
2-Methylnaphthalene	-	3000	< 0.44	< 0.23	0.067 J	< 0.24	< 0.24	< 0.22	0.070 J	< 0.24	< 0.24
Acenaphthene	-	45000	< 0.29	< 0.16	0.16	< 0.16	< 0.16	0.054 J	0.20	0.12 J	< 0.16
Acenaphthylene	-	-	< 0.29	< 0.16	0.10 J	< 0.16	< 0.16	0.57	0.23	0.13 J	< 0.16
Anthracene	-	230000	0.083 J	0.057 J	0.50	< 0.12	< 0.12	0.44	0.59	0.32	< 0.12
Benzo(a)anthracene	-	2.9	0.37	0.17	1.0	< 0.12	< 0.12	2.0	1.4	0.76	0.042 J
Benzo(a)pyrene	-	0.29	0.38	0.18	1.0	< 0.16	< 0.16	1.9	1.4	0.76	< 0.16
Benzo(b)fluoranthene	-	2.9	0.32	0.17	0.98	< 0.12	< 0.12	1.8	1.2	0.62	< 0.12
Benzo(g,h,i)perylene	-	-	0.23 J	0.11 J	0.72	< 0.16	< 0.16	1.0	0.96	0.59	< 0.16
Benzo(k)fluoranthene	-	29	0.32	0.12	0.68	< 0.12	< 0.12	1.6	1.1	0.64	< 0.12
Chrysene	-	290	0.38	0.18	1.1	< 0.12	< 0.12	1.8	1.4	0.77	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.11 J	0.046 J	0.23	< 0.12	< 0.12	0.43	0.32	0.18	< 0.12
Fluoranthene	-	30000	0.64	0.37	2.3	< 0.12	< 0.12	3.2	2.8	1.7	0.044 J
Fluorene	-	30000	< 0.36	< 0.19	0.23	< 0.20	< 0.20	< 0.18	0.20	0.13 J	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	0.21 J	0.096 J	0.52	< 0.16	< 0.16	1.0	0.82	0.44	< 0.16
Naphthalene	-	17	< 0.36	< 0.19	0.12 J	< 0.20	< 0.20	< 0.18	0.099 J	0.077 J	< 0.20

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Phenanthrene	-	-	0.30	0.28	2.1	< 0.12	< 0.12	1.0	2.2	1.3	0.041 J
Pyrene	-	23000	0.54	0.33	2.0	< 0.12	< 0.12	2.7	2.4	1.4	0.048 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.4	< 2.5	< 3.0	< 2.8	< 2.5	< 2.5	< 2.5	< 2.5	< 2.8
Diesel Range Organics (C9-C44)	100	-	835	20.7 J	532	< 38.9	< 38.1	203	241	88.8	< 39.1

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

PAHs = polycyclic aromatic hydrocarbons

TPH = total petroleum hydrocarbons

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 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-149 07/24/2015 DP-149-SO-300-01 Primary 30	DP-150 07/24/2015 DP-150-SO-010-01 Primary 1	DP-150 07/24/2015 DP-150-SO-050-01 Primary 5	DP-150 07/24/2015 DP-150-SO-100-01 Primary 10	DP-150 07/24/2015 DP-150-SO-200-01 Primary 20	DP-150 07/24/2015 DP-150-SO-300-01 Primary 30
Inorganic Compounds (mg/kg)								
Aluminum	-	1.10E+06	-	-	-	-	-	-
Antimony	-	470	-	-	-	-	-	-
Arsenic	-	3	-	-	-	-	-	-
Barium	-	220000	-	-	-	-	-	-
Beryllium	-	2300	-	-	-	-	-	-
Cadmium	-	980	-	-	-	-	-	-
Calcium	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-
Cobalt	-	350	-	-	-	-	-	-
Copper	-	47000	-	-	-	-	-	-
Iron	-	820000	-	-	-	-	-	-
Lead	-	800	-	-	-	-	-	-
Magnesium	-	-	-	-	-	-	-	-
Manganese	-	26000	-	-	-	-	-	-
Mercury	-	40	-	-	-	-	-	-
Nickel	-	22000	-	-	-	-	-	-
Potassium	-	-	-	-	-	-	-	-
Selenium	-	5800	-	-	-	-	-	-
Silver	-	5800	-	-	-	-	-	-
Sodium	-	-	-	-	-	-	-	-
Thallium	-	12	-	-	-	-	-	-
Vanadium	-	5800	-	-	-	-	-	-
Zinc	-	350000	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (mg/kg)								
2-Chloronaphthalene	-	93000	< 0.20	< 0.18	< 0.19	< 0.20	< 0.20	< 0.20
2-Methylnaphthalene	-	3000	< 0.23	< 0.22	< 0.22	< 0.24	< 0.24	< 0.23
Acenaphthene	-	45000	< 0.16	< 0.14	< 0.15	< 0.16	< 0.16	< 0.16
Acenaphthylene	-	-	< 0.16	0.047 J	< 0.15	< 0.16	< 0.16	< 0.16
Anthracene	-	230000	< 0.12	0.049 J	0.035 J	< 0.12	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	< 0.12	0.19	0.14	< 0.12	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	< 0.16	0.21	0.14 J	< 0.16	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	< 0.12	0.26	0.18	< 0.12	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	< 0.16	0.14	0.085 J	< 0.16	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	< 0.12	0.092 J	0.073 J	< 0.12	< 0.12	< 0.12
Chrysene	-	290	< 0.12	0.22	0.14	< 0.12	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.12	0.035 J	< 0.11	< 0.12	< 0.12	< 0.12
Fluoranthene	-	30000	< 0.12	0.34	0.27	0.039 J	< 0.12	< 0.12
Fluorene	-	30000	< 0.20	< 0.18	< 0.19	< 0.20	< 0.20	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	0.13 J	0.092 J	< 0.16	< 0.16	< 0.16
Naphthalene	-	17	< 0.20	< 0.18	< 0.19	< 0.20	< 0.20	< 0.20

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PAHS, AND TPH
 SW LAND HOLDER, LLC PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-149 07/24/2015 DP-149-SO-300-01 Primary 30	DP-150 07/24/2015 DP-150-SO-010-01 Primary 1	DP-150 07/24/2015 DP-150-SO-050-01 Primary 5	DP-150 07/24/2015 DP-150-SO-100-01 Primary 10	DP-150 07/24/2015 DP-150-SO-200-01 Primary 20	DP-150 07/24/2015 DP-150-SO-300-01 Primary 30
Phenanthrene	-	-	< 0.12	0.16	0.11	< 0.12	< 0.12	< 0.12
Pyrene	-	23000	< 0.12	0.34	0.25	< 0.12	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)								
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 2.5	< 2.4	< 2.7	< 2.8	< 2.7
Diesel Range Organics (C9-C44)	100	-	16.0 J	446	67.5	130	8.20 J	< 39.4

NOTES

- Bold where detected; highlighted where exceeds
- Results reported in mg/kg
- mg/kg = milligrams per kilogram
- ft bgs = feet below ground surface
- = screening level not available/sample not analyzed
- < = not detected at the indicated reporting limit
- J = estimated value
- PAHs = polycyclic aromatic hydrocarbons
- TPH = total petroleum hydrocarbons
- 1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- 2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2

SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-105 07/17/2015 DP-105-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-010-01 Primary 1	DP-110 07/20/2015 DP-110-SO-050-01 Primary 5	DP-110 07/20/2015 DP-110-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-200-01 Primary 20	DP-110 07/20/2015 DP-110-SO-300-01 Primary 30	DP-111 07/20/2015 DP-111-SO-010-01 Primary 1
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	< 0.059	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	< 0.059	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	< 0.089	-	-	-	-	-	-
1,1-Dichloroethane	-	16	< 0.089	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	< 0.059	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	< 0.30	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	< 0.30	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	< 0.30	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	< 0.24	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	< 0.30	-	-	-	-	-	-
1,2-Dichloroethane	-	2	< 0.059	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	< 0.059	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	< 0.21	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	< 0.30	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	< 0.059	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	< 0.30	-	-	-	-	-	-
1,4-Dioxane	-	23	< 5.9	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	< 0.59	-	-	-	-	-	-
2-Hexanone	-	1300	< 0.59	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	< 0.59	-	-	-	-	-	-
Acetone	-	670000	< 2.1	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.059	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011
Bromodichloromethane	-	1.3	< 0.059	-	-	-	-	-	-
Bromoform	-	290	< 0.24	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	< 0.12	-	-	-	-	-	-
Carbon disulfide	-	3500	< 0.59	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	< 0.059	-	-	-	-	-	-
Chlorobenzene	-	1300	< 0.059	-	-	-	-	-	-
Chlorobromomethane	-	630	< 0.30	-	-	-	-	-	-
Chloroethane	-	57000	< 0.12	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	< 0.089	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	< 0.30	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	< 0.059	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	< 0.059	-	-	-	-	-	-
Cyclohexane	-	27000	< 1.2	-	-	-	-	-	-
Dibromochloromethane	-	3.2	< 0.059	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	< 0.59	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.059	0.00075 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011
Isopropylbenzene	-	9900	< 0.059	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.12	0.0031	< 0.0025	< 0.0025	< 0.0024	< 0.0025	< 0.0022
Methyl acetate	-	1.20E+06	< 0.24	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-105 07/17/2015 DP-105-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-010-01 Primary 1	DP-110 07/20/2015 DP-110-SO-050-01 Primary 5	DP-110 07/20/2015 DP-110-SO-100-01 Primary 10	DP-110 07/20/2015 DP-110-SO-200-01 Primary 20	DP-110 07/20/2015 DP-110-SO-300-01 Primary 30	DP-111 07/20/2015 DP-111-SO-010-01 Primary 1
Methyl cyclohexane	-	-	< 0.24	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	< 0.12	-	-	-	-	-	-
Methylene chloride	-	1000	< 0.30	-	-	-	-	-	-
o-Xylene	-	2800	< 0.12	0.0025	< 0.0025	< 0.0025	< 0.0024	< 0.0025	< 0.0022
Styrene	-	35000	< 0.12	-	-	-	-	-	-
Tetrachloroethene	-	100	< 0.059	-	-	-	-	-	-
Toluene	9.6	47000	< 0.089	0.00057 J	< 0.0019	< 0.0019	< 0.0018	< 0.0019	< 0.0017
trans-1,2-Dichloroethene	-	23000	< 0.089	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	< 0.059	-	-	-	-	-	-
Trichloroethene	-	6	< 0.059	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	< 0.30	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	< 1.2	-	-	-	-	-	-
Vinyl chloride	-	1.7	< 0.12	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.12	0.0056	< 0.0025	< 0.0025	< 0.0024	< 0.0025	< 0.0022

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

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TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-111 07/20/2015	DP-111 07/20/2015	DP-111 07/20/2015	DP-111 07/20/2015	DP-112 07/20/2015	DP-112 07/20/2015	DP-112 07/20/2015
Sample Date			DP-111-SO-050-01	DP-111-SO-100-01	DP-111-SO-200-01	DP-111-SO-300-01	DP-112-SO-010-01	DP-112-SO-050-01	DP-112-SO-100-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			5	10	20	30	1	5	10
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0013	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0031
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0013	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0031
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0026	< 0.0025	< 0.0024	< 0.0025	< 0.0023	< 0.0024	< 0.0062
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-111 07/20/2015 DP-111-SO-050-01 Primary 5	DP-111 07/20/2015 DP-111-SO-100-01 Primary 10	DP-111 07/20/2015 DP-111-SO-200-01 Primary 20	DP-111 07/20/2015 DP-111-SO-300-01 Primary 30	DP-112 07/20/2015 DP-112-SO-010-01 Primary 1	DP-112 07/20/2015 DP-112-SO-050-01 Primary 5	DP-112 07/20/2015 DP-112-SO-100-01 Primary 10
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0026	< 0.0025	< 0.0024	< 0.0025	< 0.0023	< 0.0024	< 0.0062
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0020	< 0.0018	< 0.0018	< 0.0019	< 0.0017	< 0.0018	0.0034 J
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0026	< 0.0025	< 0.0024	< 0.0025	< 0.0023	< 0.0024	< 0.0062

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

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TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-112 07/20/2015 DP-112-SO-200-01 Primary 20	DP-112 07/20/2015 DP-112-SO-300-01 Primary 30	DP-113 07/20/2015 DP-113-SO-010-01 Primary 1	DP-113 07/20/2015 DP-113-SO-050-01 Primary 5	DP-113 07/20/2015 DP-113-SO-100-01 Primary 10	DP-113 07/20/2015 DP-113-SO-200-01 Primary 20	DP-113 07/20/2015 DP-113-SO-300-01 Primary 30
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0013
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0013
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0024	< 0.0024	0.00022 J	< 0.0023	< 0.0024	< 0.0023	< 0.0026
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-112 07/20/2015 DP-112-SO-200-01 Primary 20	DP-112 07/20/2015 DP-112-SO-300-01 Primary 30	DP-113 07/20/2015 DP-113-SO-010-01 Primary 1	DP-113 07/20/2015 DP-113-SO-050-01 Primary 5	DP-113 07/20/2015 DP-113-SO-100-01 Primary 10	DP-113 07/20/2015 DP-113-SO-200-01 Primary 20	DP-113 07/20/2015 DP-113-SO-300-01 Primary 30
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0024	< 0.0024	< 0.0022	< 0.0023	< 0.0024	< 0.0023	< 0.0026
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0018	< 0.0018	< 0.0016	< 0.0017	< 0.0018	< 0.0017	< 0.0020
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrachloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0024	< 0.0024	0.00022 J	< 0.0023	< 0.0024	< 0.0023	< 0.0026

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-114 07/20/2015	DP-114 07/20/2015	DP-114 07/20/2015	DP-114 07/20/2015	DP-114 07/20/2015	DP-115 07/21/2015	DP-115 07/21/2015
Sample Date			DP-114-SO-010-01	DP-114-SO-050-01	DP-114-SO-100-01	DP-114-SO-200-01	DP-114-SO-300-01	DP-115-SO-010-01	DP-115-SO-010-02
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Sample Type			1	5	10	20	30	1	1
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0025	< 0.0023	< 0.0021
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-114 07/20/2015 DP-114-SO-010-01 Primary 1	DP-114 07/20/2015 DP-114-SO-050-01 Primary 5	DP-114 07/20/2015 DP-114-SO-100-01 Primary 10	DP-114 07/20/2015 DP-114-SO-200-01 Primary 20	DP-114 07/20/2015 DP-114-SO-300-01 Primary 30	DP-115 07/21/2015 DP-115-SO-010-01 Primary 1	DP-115 07/21/2015 DP-115-SO-010-02 Duplicate 1
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0025	< 0.0023	< 0.0021
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0016	< 0.0017	< 0.0018	< 0.0018	< 0.0019	< 0.0017	< 0.0016
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0025	< 0.0023	< 0.0021

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-115 07/21/2015 DP-115-SO-050-01 Primary 5	DP-115 07/21/2015 DP-115-SO-050-02 Duplicate 5	DP-115 07/21/2015 DP-115-SO-100-01 Primary 10	DP-115 07/21/2015 DP-115-SO-100-02 Duplicate 10	DP-115 07/21/2015 DP-115-SO-200-01 Primary 20	DP-115 07/21/2015 DP-115-SO-200-02 Duplicate 20	DP-115 07/21/2015 DP-115-SO-300-01 Primary 30
Sample Date	DC Tier 0 Soil Standards¹	EPA Regional Screening Level for Industrial Soil²							
Sample Name									
Sample Type									
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0013	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0023	< 0.0023	< 0.0025	< 0.0025	< 0.0024	< 0.0024	< 0.0025
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-050-01 Primary 5	DP-115 07/21/2015 DP-115-SO-050-02 Duplicate 5	DP-115 07/21/2015 DP-115-SO-100-01 Primary 10	DP-115 07/21/2015 DP-115-SO-100-02 Duplicate 10	DP-115 07/21/2015 DP-115-SO-200-01 Primary 20	DP-115 07/21/2015 DP-115-SO-200-02 Duplicate 20	DP-115 07/21/2015 DP-115-SO-300-01 Primary 30
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0023	< 0.0023	< 0.0025	< 0.0025	< 0.0024	< 0.0024	< 0.0025
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0017	< 0.0017	< 0.0019	< 0.0019	< 0.0018	< 0.0018	< 0.0019
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0023	< 0.0023	< 0.0025	< 0.0025	< 0.0024	< 0.0024	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-115 07/21/2015	DP-116 07/21/2015	DP-116 07/21/2015	DP-116 07/21/2015	DP-116 07/21/2015	DP-116 07/21/2015	DP-117 07/21/2015
Sample Date			DP-115-SO-300-02	DP-116-SO-010-01	DP-116-SO-050-01	DP-116-SO-100-01	DP-116-SO-200-01	DP-116-SO-300-01	DP-117-SO-010-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			30	1	5	10	20	30	1
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0024	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0022
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-115 07/21/2015 DP-115-SO-300-02 Duplicate 30	DP-116 07/21/2015 DP-116-SO-010-01 Primary 1	DP-116 07/21/2015 DP-116-SO-050-01 Primary 5	DP-116 07/21/2015 DP-116-SO-100-01 Primary 10	DP-116 07/21/2015 DP-116-SO-200-01 Primary 20	DP-116 07/21/2015 DP-116-SO-300-01 Primary 30	DP-117 07/21/2015 DP-117-SO-010-01 Primary 1
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0024	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0022
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0017
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0024	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0022

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-117 07/21/2015	DP-117 07/21/2015	DP-117 07/21/2015	DP-117 07/21/2015	DP-127 07/22/2015	DP-127 07/22/2015	DP-127 07/22/2015
Sample Date			DP-117-SO-050-01	DP-117-SO-100-01	DP-117-SO-200-01	DP-117-SO-300-01	DP-127-SO-010-01	DP-127-SO-050-01	DP-127-SO-100-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			5	10	20	30	1	5	10
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0022	< 0.0023	< 0.0025
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-117 07/21/2015 DP-117-SO-050-01 Primary 5	DP-117 07/21/2015 DP-117-SO-100-01 Primary 10	DP-117 07/21/2015 DP-117-SO-200-01 Primary 20	DP-117 07/21/2015 DP-117-SO-300-01 Primary 30	DP-127 07/22/2015 DP-127-SO-010-01 Primary 1	DP-127 07/22/2015 DP-127-SO-050-01 Primary 5	DP-127 07/22/2015 DP-127-SO-100-01 Primary 10
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0022	< 0.0023	< 0.0025
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0017	< 0.0018	< 0.0018	< 0.0018	< 0.0016	< 0.0017	< 0.0019
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrachloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0022	< 0.0023	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-127 07/22/2015	DP-127 07/22/2015	DP-128 07/22/2015	DP-128 07/22/2015	DP-128 07/22/2015	DP-128 07/22/2015	DP-128 07/22/2015
Sample Date			DP-127-SO-200-01	DP-127-SO-300-01	DP-128-SO-010-01	DP-128-SO-050-01	DP-128-SO-100-01	DP-128-SO-200-01	DP-128-SO-300-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			20	30	1	5	10	20	30
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0024	< 0.0024	< 0.0021	< 0.0022	< 0.0024	< 0.0024	< 0.0025
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-127 07/22/2015 DP-127-SO-200-01 Primary 20	DP-127 07/22/2015 DP-127-SO-300-01 Primary 30	DP-128 07/22/2015 DP-128-SO-010-01 Primary 1	DP-128 07/22/2015 DP-128-SO-050-01 Primary 5	DP-128 07/22/2015 DP-128-SO-100-01 Primary 10	DP-128 07/22/2015 DP-128-SO-200-01 Primary 20	DP-128 07/22/2015 DP-128-SO-300-01 Primary 30
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0024	< 0.0024	< 0.0021	< 0.0022	< 0.0024	< 0.0024	< 0.0025
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0018	< 0.0018	< 0.0016	< 0.0017	< 0.0018	< 0.0018	< 0.0018
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0024	< 0.0024	< 0.0021	< 0.0022	< 0.0024	< 0.0024	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

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VOC = volatile organic compound

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TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-129 07/22/2015	DP-129 07/22/2015	DP-130 07/22/2015	DP-130 07/22/2015	DP-130 07/22/2015	DP-130 07/22/2015	DP-130 07/22/2015
Sample Date			DP-129-SO-200-01	DP-129-SO-300-01	DP-130-SO-010-01	DP-130-SO-050-01	DP-130-SO-100-01	DP-130-SO-200-01	DP-130-SO-300-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			20	30	1	5	10	20	30
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0024	< 0.0023	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-129 07/22/2015 DP-129-SO-200-01 Primary 20	DP-129 07/22/2015 DP-129-SO-300-01 Primary 30	DP-130 07/22/2015 DP-130-SO-010-01 Primary 1	DP-130 07/22/2015 DP-130-SO-050-01 Primary 5	DP-130 07/22/2015 DP-130-SO-100-01 Primary 10	DP-130 07/22/2015 DP-130-SO-200-01 Primary 20	DP-130 07/22/2015 DP-130-SO-300-01 Primary 30
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0024	< 0.0023	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0018	< 0.0017	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0024	< 0.0023	< 0.0022	< 0.0023	< 0.0024	< 0.0024	< 0.0024

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

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J = estimated value

VOC = volatile organic compound

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TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-131 07/22/2015	DP-131 07/22/2015	DP-131 07/22/2015	DP-131 07/22/2015	DP-132 07/22/2015	DP-132 07/22/2015	DP-132 07/22/2015
Sample Date			DP-131-SO-010-01	DP-131-SO-050-01	DP-131-SO-100-01	DP-131-SO-200-01	DP-132-SO-010-01	DP-132-SO-050-01	DP-132-SO-100-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			1	5	10	20	1	5	10
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0010	< 0.0011	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0010	< 0.0011	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0020	< 0.0023	< 0.0024	< 0.0024	< 0.0022	< 0.0022	< 0.0025
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-131 07/22/2015 DP-131-SO-010-01 Primary 1	DP-131 07/22/2015 DP-131-SO-050-01 Primary 5	DP-131 07/22/2015 DP-131-SO-100-01 Primary 10	DP-131 07/22/2015 DP-131-SO-200-01 Primary 20	DP-132 07/22/2015 DP-132-SO-010-01 Primary 1	DP-132 07/22/2015 DP-132-SO-050-01 Primary 5	DP-132 07/22/2015 DP-132-SO-100-01 Primary 10
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0020	< 0.0023	< 0.0024	< 0.0024	< 0.0022	< 0.0022	< 0.0025
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0015	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0016	< 0.0018
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrachloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0020	< 0.0023	< 0.0024	< 0.0024	< 0.0022	< 0.0022	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-132 07/22/2015 DP-132-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-010-01 Primary 1	DP-133 07/22/2015 DP-133-SO-050-01 Primary 5	DP-133 07/22/2015 DP-133-SO-100-01 Primary 10	DP-133 07/22/2015 DP-133-SO-100-02 Duplicate 10	DP-133 07/22/2015 DP-133-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-300-01 Primary 30
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0024	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0025
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-132 07/22/2015 DP-132-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-010-01 Primary 1	DP-133 07/22/2015 DP-133-SO-050-01 Primary 5	DP-133 07/22/2015 DP-133-SO-100-01 Primary 10	DP-133 07/22/2015 DP-133-SO-100-02 Duplicate 10	DP-133 07/22/2015 DP-133-SO-200-01 Primary 20	DP-133 07/22/2015 DP-133-SO-300-01 Primary 30
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0024	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0025
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0019
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0024	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0024	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location			DP-134 07/22/2015	DP-134 07/22/2015	DP-134 07/22/2015	DP-134 07/22/2015	DP-134 07/22/2015	DP-135 07/22/2015	DP-135 07/22/2015
Sample Date			DP-134-SO-010-01	DP-134-SO-050-01	DP-134-SO-100-01	DP-134-SO-200-01	DP-134-SO-300-01	DP-135-SO-010-01	DP-135-SO-050-01
Sample Name	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Type			1	5	10	20	30	1	5
Sample Depth (ft bgs)									
Volatile Organic Compounds (mg/kg)									
1,1,1-Trichloroethane	-	36000	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	-	-	-
1,1,2-Trichloroethane	-	5	-	-	-	-	-	-	-
1,1-Dichloroethane	-	16	-	-	-	-	-	-	-
1,1-Dichloroethene	-	1000	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	660	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	-	110	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	-	-	-
1,2-Dichlorobenzene	-	9300	-	-	-	-	-	-	-
1,2-Dichloroethane	-	2	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	-	4.4	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	-	8.2	-	-	-	-	-	-	-
1,4-Dichlorobenzene	-	11	-	-	-	-	-	-	-
1,4-Dioxane	-	23	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	-	-	-
2-Hexanone	-	1300	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	-	-	-
Acetone	-	670000	-	-	-	-	-	-	-
Benzene	0.005	5.1	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011
Bromodichloromethane	-	1.3	-	-	-	-	-	-	-
Bromoform	-	290	-	-	-	-	-	-	-
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	-	-	-
Carbon disulfide	-	3500	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	-	-	-	-	-	-
Chlorobenzene	-	1300	-	-	-	-	-	-	-
Chlorobromomethane	-	630	-	-	-	-	-	-	-
Chloroethane	-	57000	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	-	-	-
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	2300	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Cyclohexane	-	27000	-	-	-	-	-	-	-
Dibromochloromethane	-	3.2	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	-	-	-
Ethylbenzene	0.04	25	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011
Isopropylbenzene	-	9900	-	-	-	-	-	-	-
m,p-Xylenes	-	-	< 0.0022	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0023	0.00030 J
Methyl acetate	-	1.20E+06	-	-	-	-	-	-	-

TABLE 2
 SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Location Sample Date Sample Name Sample Type Sample Depth (ft bgs)	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-134 07/22/2015 DP-134-SO-010-01 Primary 1	DP-134 07/22/2015 DP-134-SO-050-01 Primary 5	DP-134 07/22/2015 DP-134-SO-100-01 Primary 10	DP-134 07/22/2015 DP-134-SO-200-01 Primary 20	DP-134 07/22/2015 DP-134-SO-300-01 Primary 30	DP-135 07/22/2015 DP-135-SO-010-01 Primary 1	DP-135 07/22/2015 DP-135-SO-050-01 Primary 5
Methyl cyclohexane	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	210	-	-	-	-	-	-	-
Methylene chloride	-	1000	-	-	-	-	-	-	-
o-Xylene	-	2800	< 0.0022	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0023	0.00043 J
Styrene	-	35000	-	-	-	-	-	-	-
Tetrachloroethene	-	100	-	-	-	-	-	-	-
Toluene	9.6	47000	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018	< 0.0017	0.00024 J
trans-1,2-Dichloroethene	-	23000	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	6	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	-	-	-
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	-	-	-
Vinyl chloride	-	1.7	-	-	-	-	-	-	-
Xylene (total)	3.86	2500	< 0.0022	< 0.0022	< 0.0024	< 0.0024	< 0.0024	< 0.0023	0.00073 J

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

mg/kg = milligrams per kilogram

ft bgs = feet below ground surface

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

VOC = volatile organic compound

1. DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)

2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 3

ORDER OF MAGNITUDE REMEDIATION COSTS BASED ON LIMITED SOIL AND GROUNDWATER INVESTIGATION
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Area of Potential Concern	Limited Investigation Findings	Potential Impact on Proposed Development	Potential Remedies	Excavation Depth (ft bgs)	Order of Magnitude Opinion of Cost (Range)			
Historic Boring Location GSS-607-13-1	TPH-DRO and metals were detected in soil samples above screening levels. <u>Sample Locations</u> DP-127 through DP-135	Soil excavated during construction with TPH-DRO and metals concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 72,435	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 504 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 110,803	Impacted soil with concentrations of metals and TPH-DRO requires off-site disposal (approximately 1,200 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 110,310	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 1,007 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 187,490	Impacted soil with concentrations of metals and TPH-DRO requires off-site disposal (approximately 2,400 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 114,810	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 1,007 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 198,990	Impacted soil with concentrations of metals and TPH-DRO requires off-site disposal (approximately 2,400 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.
Historic Boring Location GTW-607-13-2	TPH-DRO, PAHs, and metals were detected in soil above screening levels. <u>Sample Locations</u> DP-118 through DP-126	Soil excavated during construction with TPH-DRO, PAH, and metals concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 59,234	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 333 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 95,933	Impacted soil with concentrations of metals requires off-site disposal (approximately 926 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 90,458	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 667 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 158,588	Impacted soil with concentrations of metals requires off-site disposal (approximately 1,852 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 92,509	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 667 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 167,587	Impacted soil with concentrations of metals and TPH-DRO requires off-site disposal (approximately 1,852 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.

TABLE 3
ORDER OF MAGNITUDE REMEDIATION COSTS BASED ON LIMITED SOIL AND GROUNDWATER INVESTIGATION
SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
WASHINGTON, D.C.

Area of Potential Concern	Limited Investigation Findings	Potential Impact on Proposed Development	Potential Remedies	Excavation Depth (ft bgs)	Order of Magnitude Opinion of Cost (Range)			
Historic Boring Location GSS-607-13-3	PAH and TPH-DRO were detected in soil samples above screening levels. Also the possibility for the presence of PAHs in soil. <u>Sample Locations</u> DP-101 through DP-103 DP-107 through DP-108 DP-147 through DP-150	Soil excavated during construction with TPH-DRO and PAH concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 59,234	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 333 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 95,268	Impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 926 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 90,458	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 667 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 157,223	Impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 1,852 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 92,509	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 667 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 166,222	Impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 1,852 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.
Storage Building	TPH-DRO, PAHs, and metals were detected in soil samples above screening levels. <u>Sample Locations</u> DP-095 through DP-099	Soil excavated during construction with TPH-DRO, PAH, and metals concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 81,400	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 681 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 126,563	Impacted soil with concentrations of TPH-DRO, PAHs, and metals requires off-site disposal (approximately 1,467 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 129,525	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 1,363 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 218,125	Impacted soil with concentrations of TPH-DRO, PAHs, and metals requires off-site disposal (approximately 2,933 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 136,525	Localized impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 1,363 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 231,625	Impacted soil with concentrations of metals TPH-DRO, PAHs, and metals requires off-site disposal (approximately 2,933 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.

TABLE 3

ORDER OF MAGNITUDE REMEDIATION COSTS BASED ON LIMITED SOIL AND GROUNDWATER INVESTIGATION
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

Area of Potential Concern	Limited Investigation Findings	Potential Impact on Proposed Development	Potential Remedies	Excavation Depth (ft bgs)	Order of Magnitude Opinion of Cost (Range)			
Five Former UST Areas	TPH-GRO and TPH-DRO and metals were detected in soil above screening levels. <u>Sample Locations</u> DP-100 DP-104 through DP-106 DP-109 through DP-117 DP-137 through DP-145	Soil excavated during construction with TPH-DRO, TPH-GRO and metals concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 127,715	Localized impacted soil with concentrations of TPH-DRO, and TPH-GRO requires off-site disposal (approximately 1,250 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic and lead in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 308,915	Impacted soil with concentrations of TPH-DRO,TPH-GRO, and metals requires off-site disposal (approximately 3,920 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 233,240	Localized impacted soil with concentrations of TPH-DRO, and TPH-GRO requires off-site disposal (approximately 2,505 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic and lead in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 537,688	Impacted soil with concentrations of metals,TPH-DRO,TPH-GRO, and metals requires off-site disposal (approximately 7,835 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 243,235	Localized impacted soil with concentrations of TPH-DRO and TPH-GRO requires off-site disposal (approximately 2,505 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic and lead in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 570,185	Impacted soil with concentrations of metals, TPH-DRO,TPH-GRO, PAHs, and metals requires off-site disposal (approximately 7,835 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.
Southern Site Coverage	TPH-DRO was detected in soil above screening levels. <u>Sample Location</u> DP-136	Soil excavated during construction with TPH-DRO concentrations exceeding screening levels is not appropriate for unrestricted use as fill (may require appropriate treatment/disposal).	1. Prepare a Soil Management Plan to guide construction activities and proper management of impacted soil encountered during construction and dispose of impacted soil excavated during construction as non-hazardous waste at an off-site disposal facility. 2. Conduct a background metals evaluation to potentially reduce the volume of soil requiring off-site disposal based on metals concentrations.	10	\$ 44,015	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 148 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 76,560	Impacted soil with concentrations of metals, TPH-DRO requires off-site disposal (approximately 593 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				20	\$ 65,890	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 296 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 118,560	Impacted soil with concentrations of metals, TPH-DRO, requires off-site disposal (approximately 1,185 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
				30	\$ 68,890	Localized impacted soil with concentrations of TPH-DRO requires off-site disposal (approximately 296 cubic yards), environmental monitoring recommended for excavation from 20 to 30 feet bgs, and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 125,060	Impacted soil with concentrations of metals, TPH-DRO, requires off-site disposal (approximately 1,185 cubic yards) and environmental monitoring recommended for excavation from 20 to 30 feet bgs. Estimate \$27.50 per ton for transportation and disposal.

TABLE 3
 ORDER OF MAGNITUDE REMEDIATION COSTS BASED ON LIMITED SOIL AND GROUNDWATER INVESTIGATION
 SW LAND HOLDER, LLC, PARCEL AT BUZZARD POINT, SQUARE 0607, LOT 0013
 WASHINGTON, D.C.

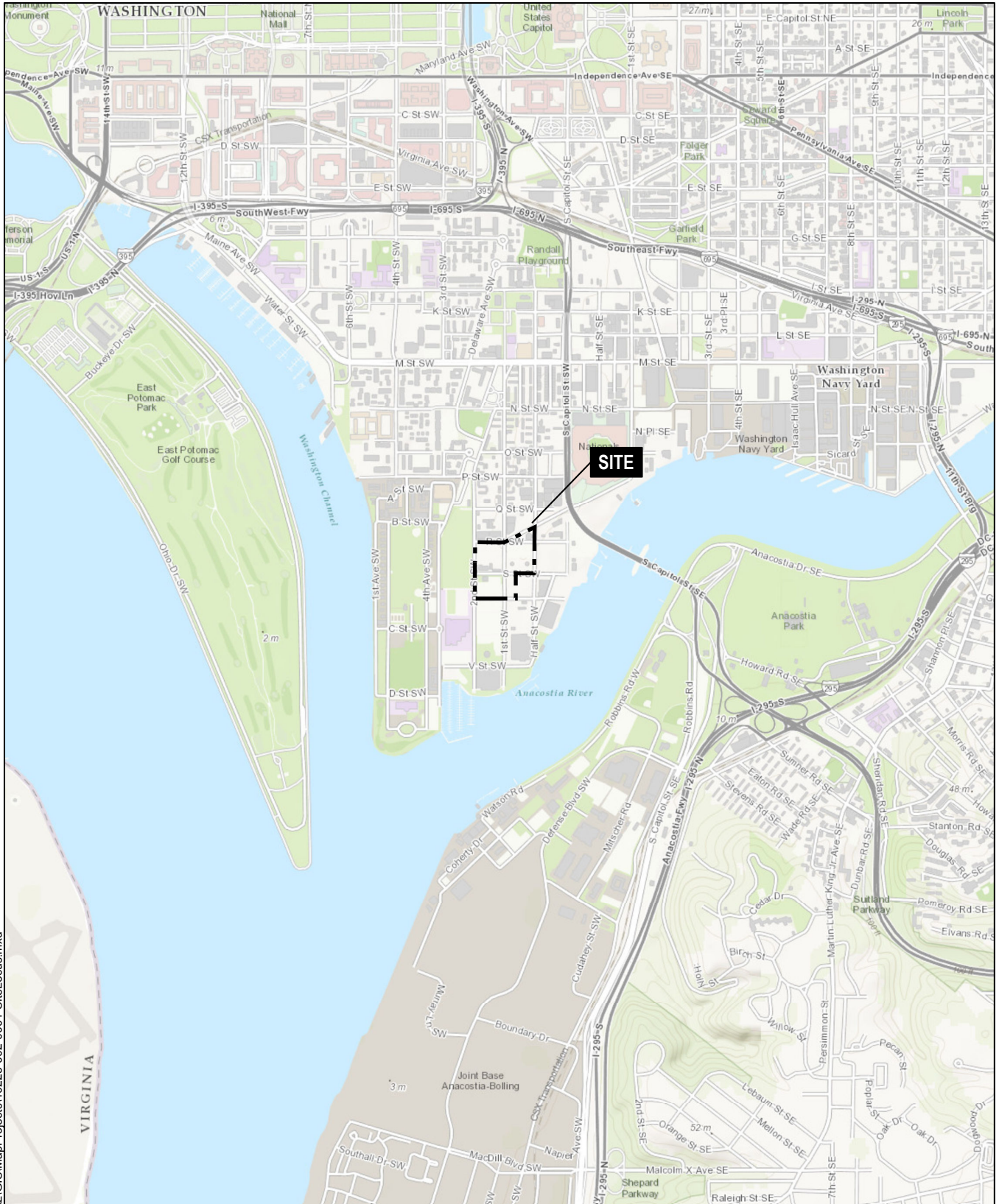
Area of Potential Concern	Limited Investigation Findings	Potential Impact on Proposed Development	Potential Remedies	Excavation Depth (ft bgs)	Order of Magnitude Opinion of Cost (Range)			
Order of Magnitude Cost Range for Impacts on Proposed Development from Identified RECs:				10	\$ 450,000	to	\$ 820,000	Cost totals from AOPCs above to specified depth
				20	\$ 720,000		\$ 1,380,000	
				30	\$ 750,000		\$ 1,460,000	
				N/A	N/A	\$ 7,100,000	Costs to profile and dipose of soil to 30 feet bgs for the entire site (i.e., chemicals above screening levels in soil are not just limited to the identified AOPCs but are prevalent throughout the site). Dewatering costs include costs to obtain discharge permits and design, install, and maintain treatment system in-line with normal dewatering equipment for up to 3 months.	

NOTES

- 1. Screening levels are the lower of the DC Tier 0 Standards and the EPA Regional Screening Levels for industrial soil
 - 2. Sample location inaccessible; sample not collected
- ft bgs = feet below ground surface
 UST = underground storage tank
 TPH = total petroleum hydrocarbons
 TPH-DRO = TPH diesel range
 PAH = polycyclic aromatic hydrocarbon
 N/A = not applicable

GENERAL ASSUMPTIONS

Order of magnitude costs are for discussion and planning purposes only and are not budgetary cost.
 Costs do not include impacts to adjacent properties.
 Waste disposal costs include transportation and disposal only; loading and stockpile management costs are assumed to be part of the redevelopment contractor cost.
 Costs do not include additional investigation/delineation sampling.
 Costs do not include groundwater remediation or potential vapor intrusion mitigation.
 Profiling sampling frequency and analyses may change based on disposal facility requirement.
 Costs do not include preparation and implementation of a Stormwater Pollution Prevention Plan.
 Costs include on-site monitoring during soil/groundwater removal (assume \$2,000 per day, excavating 250 cubic yards of impacted soil per day).
 Confirmation sampling frequency based on 1 sample per 200 square feet of excavation sidewall and 1 sample per 400 square feet of excavation bottom. Analyses based on chemicals exceeding screening levels.



C:\projects\40223_BuzzardPoint\GLOBAL\GIS\MapProjects\40223-002-0001-SiteLocus.mxd

MAP SOURCE: ESRI SITE COORDINATES : 38°52'06.68"N , 77°00'44.12"W



**HALEY
ALDRICH**

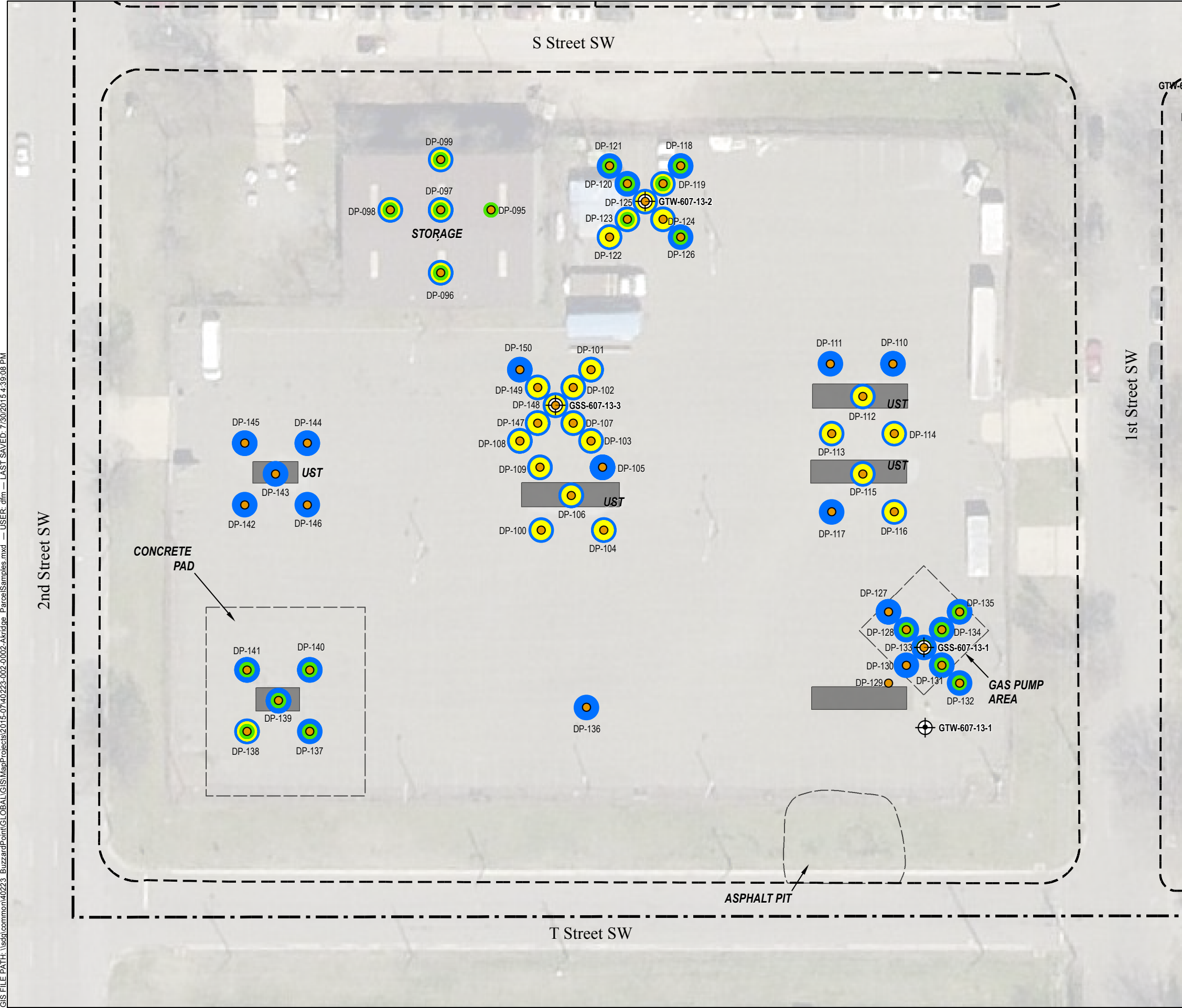
POTOMAC ELECTRIC POWER COMPANY
PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
WASHINGTON D.C.

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
JULY 2015

FIGURE 1

GIS FILE PATH: \\sdc\common\40223_BuzzardPoint\GLOBAL\GIS\MapProjects\2015-07-14\2023-002-Akridge_ParcelSamples.mxd — USER: dfm — LAST SAVED: 7/30/2015 4:39:08 PM



LEGEND

- GTW-605-7-1 HALEY & ALDRICH SOIL SAMPLE LOCATION AND ID (2013-2014)
- DP-040 HALEY & ALDRICH SOIL SAMPLE LOCATION AND ID (2015)
- ONE OR MORE METALS EXCEED SOIL SCREENING LEVELS
- ONE OR MORE PCBs EXCEED SOIL SCREENING LEVELS
- ONE OR MORE ORGANICS EXCEED SOIL SCREENING LEVELS
- ONE OR MORE TPHs EXCEED SOIL SCREENING LEVELS
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY FOR D.C. UNITED STADIUM DEVELOPMENT

- NOTES:**
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 2. UST = UNDERGROUND STORAGE TANK
 3. SOIL SCREENING LEVELS ARE THE FOLLOWING:
 - DC TIER 0 SOIL STANDARDS FROM THE TIER 0 STANDARDS FINAL RULEMAKING PUBLISHED AT 40 DCR 7835, 7892 (12 NOVEMBER 1993), AS AMENDED BY FINAL RULEMAKING PUBLISHED AT 46 DCR 7699 (1 OCTOBER 1999); AND
 - ENVIRONMENTAL PROTECTION AGENCY (EPA) REGIONAL SCREENING LEVEL FOR INDUSTRIAL SOIL FROM THE EPA REGIONAL SCREENING LEVEL TABLES (MAY 2014).
 4. AERIAL PHOTO: PICOMETRY DATED APRIL 2015
 5. PCB = POLYCHLORINATED BIPHENYL
 6. TPH = TOTAL PETROLEUM HYDROCARBONS
 7. EXCEEDANCES REPRESENTS 2015 DATA ONLY.
 8. ORGANIC ANALYTES INCLUDE VOLATILES ORGANIC COMPOUNDS (VOCs) AND SEMI-VOLATILES ORGANIC COMPOUNDS (SVOCs)

HALEY ALDRICH AKRIDGE PARCEL AT BUZZARD POINT, SQUARE 0665, LOT 0024 WASHINGTON, D.C.

SAMPLE LOCATIONS AND EXCEEDANCES

APPENDIX A

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1516511
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/22/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516511-01	DP-095-SO-010-01	SOIL	Not Specified	07/15/15 15:20	07/16/15
L1516511-02	DP-095-SO-050-01	SOIL	Not Specified	07/15/15 15:15	07/16/15
L1516511-03	DP-095-SO-100-01	SOIL	Not Specified	07/15/15 15:25	07/16/15
L1516511-04	DP-095-SO-200-01	SOIL	Not Specified	07/15/15 15:30	07/16/15
L1516511-05	DP-095-SO-300-01	SOIL	Not Specified	07/15/15 15:45	07/16/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Metals

L1516511-01 through -05: The sample has elevated detection limits due to the dilution required by matrix interferences encountered during analysis.

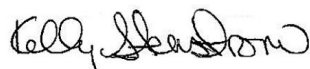
The WG803715-4 MS recoveries for aluminum (820%) and iron (4370%) performed on L1516511-05, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG803715-4 MS recoveries, performed on L1516511-05, are outside the acceptance criteria for antimony (55%), cadmium (71%) and thallium (67%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (79%), cadmium (74%) and thallium (69%). This has been attributed to sample matrix.

The WG803715-3 Laboratory Duplicate RPDs, performed on L1516511-05, are outside the acceptance criteria for arsenic (45%) and vanadium (32%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/22/15

ORGANICS

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-01
 Client ID: DP-095-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 14:35
 Analyst: RC
 Percent Solids: 90%

Date Collected: 07/15/15 15:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.19		mg/kg	0.11	0.035	1
Anthracene	0.053	J	mg/kg	0.11	0.030	1
Fluoranthene	0.43		mg/kg	0.11	0.033	1
Pyrene	0.39		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.23		mg/kg	0.11	0.035	1
Chrysene	0.22		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.30		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.10	J	mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.22		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.17		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.044	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.16		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-02
 Client ID: DP-095-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 15:00
 Analyst: RC
 Percent Solids: 86%

Date Collected: 07/15/15 15:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.087	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.15		mg/kg	0.12	0.035	1
Pyrene	0.14		mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.089	J	mg/kg	0.12	0.038	1
Chrysene	0.086	J	mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.089	J	mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.037	J	mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.073	J	mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.047	J	mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.040	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-03
 Client ID: DP-095-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 15:26
 Analyst: RC
 Percent Solids: 84%

Date Collected: 07/15/15 15:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.068	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.075	J	mg/kg	0.12	0.036	1
Pyrene	0.059	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-04
 Client ID: DP-095-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 03:24
 Analyst: RC
 Percent Solids: 84%

Date Collected: 07/15/15 15:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-05
 Client ID: DP-095-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 03:52
 Analyst: RC
 Percent Solids: 85%

Date Collected: 07/15/15 15:45
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/15 12:03
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG804075-1					
Naphthalene	ND		mg/kg	0.17	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
2-Chloronaphthalene	ND		mg/kg	0.17	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.17	0.048
Phenanthrene	ND		mg/kg	0.10	0.032
Anthracene	ND		mg/kg	0.10	0.028
Fluoranthene	ND		mg/kg	0.10	0.030
Pyrene	ND		mg/kg	0.10	0.032
Benzo(a)anthracene	ND		mg/kg	0.10	0.033
Chrysene	ND		mg/kg	0.10	0.033
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.037
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.035

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	128	Q	18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG804075-2 WG804075-3								
Naphthalene	78		89		40-140	13		50
2-Methylnaphthalene	89		102		40-140	14		50
2-Chloronaphthalene	100		115		40-140	14		50
Acenaphthylene	105		119		40-140	13		50
Acenaphthene	84		93		31-137	10		50
Fluorene	93		100		40-140	7		50
Phenanthrene	88		96		40-140	9		50
Anthracene	97		106		40-140	9		50
Fluoranthene	100		108		40-140	8		50
Pyrene	99		108		35-142	9		50
Benzo(a)anthracene	92		97		40-140	5		50
Chrysene	87		92		40-140	6		50
Benzo(b)fluoranthene	86		92		40-140	7		50
Benzo(k)fluoranthene	91		101		40-140	10		50
Benzo(a)pyrene	90		96		40-140	6		50
Indeno(1,2,3-cd)pyrene	93		100		40-140	7		50
Dibenzo(a,h)anthracene	95		101		40-140	6		50
Benzo(ghi)perylene	90		96		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG804075-2 WG804075-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	66		75		23-120
2-Fluorobiphenyl	100		110		30-120
4-Terphenyl-d14	105		110		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT**Lab Number:** L1516511**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516511-01
Client ID: DP-095-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 03:36
Analyst: AR
Percent Solids: 90%

Date Collected: 07/15/15 15:20
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	72.0		mg/kg	35.7	3.98	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-01
 Client ID: DP-095-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 04:45
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/15/15 15:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-02
 Client ID: DP-095-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 04:08
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/15/15 15:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	66.9		mg/kg	38.4	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-02
 Client ID: DP-095-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 05:25
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/15/15 15:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-03
 Client ID: DP-095-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 08:10
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/15/15 15:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.44	J	mg/kg	37.5	4.19	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-03
 Client ID: DP-095-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 10:54
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/15/15 15:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516511**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516511-04
Client ID: DP-095-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 08:46
Analyst: AR
Percent Solids: 84%

Date Collected: 07/15/15 15:30
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.74	J	mg/kg	38.6	4.31	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-04
 Client ID: DP-095-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 12:56
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/15/15 15:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	84		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-05
 Client ID: DP-095-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 09:22
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/15/15 15:45
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.82	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-05
 Client ID: DP-095-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 13:37
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/15/15 15:45
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	87		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 02:12
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-05 Batch: WG804009-1					
Total Petroleum Hydrocarbons (C9-C44)	6.79	J	mg/kg	31.3	3.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 22:11
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-02 Batch: WG804574-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 10:14
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03-05 Batch: WG804588-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	91		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-05 Batch: WG804009-2								
Total Petroleum Hydrocarbons (C9-C44)	79		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG804574-1 WG804574-2								
Gasoline Range Organics	93		94		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		104		70-130
4-Bromofluorobenzene	110		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-05 Batch: WG804588-1 WG804588-2								
Gasoline Range Organics	91		98		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		104		70-130
4-Bromofluorobenzene	98		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804574-5 QC Sample: L1516351-16 Client ID: MS Sample												
Gasoline Range Organics	ND	22	18	84		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	100				70-130
4-Bromofluorobenzene	103				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG804588-8 QC Sample: L1516512-04 Client ID: MS Sample												
Gasoline Range Organics	ND	23	21	92		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	94				70-130
4-Bromofluorobenzene	79				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG804009-3 QC Sample: L1516511-01 Client ID: DP-095-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	72.0	75.4	mg/kg	5		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		73		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804574-4 QC Sample: L1516351-16 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		104		70-130
4-Bromofluorobenzene	99		108		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG804588-7 QC Sample: L1516512-04 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87	96	70-130
4-Bromofluorobenzene	72	81	70-130



METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-01
 Client ID: DP-095-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/15/15 15:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	8.5	1.7	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Arsenic, Total	4.0		mg/kg	0.85	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Barium, Total	63		mg/kg	0.85	0.26	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Beryllium, Total	0.43		mg/kg	0.43	0.09	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.85	0.06	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Calcium, Total	1800		mg/kg	8.5	2.6	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.85	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	1.7	0.43	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.85	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.3	1.7	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Lead, Total	36		mg/kg	4.3	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Magnesium, Total	1300		mg/kg	8.5	0.85	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Manganese, Total	150		mg/kg	0.85	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Mercury, Total	0.15		mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 13:18	EPA 7471B	1,7471B	DB
Nickel, Total	9.5		mg/kg	2.1	0.34	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Potassium, Total	480		mg/kg	210	34.	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.85	0.17	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Sodium, Total	61	J	mg/kg	170	26.	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Vanadium, Total	23		mg/kg	0.85	0.09	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH
Zinc, Total	47		mg/kg	4.3	0.60	2	07/17/15 10:29	07/21/15 19:44	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-02
 Client ID: DP-095-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/15/15 15:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8400		mg/kg	8.8	1.8	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Arsenic, Total	4.0		mg/kg	0.88	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Barium, Total	64		mg/kg	0.88	0.26	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Beryllium, Total	0.52		mg/kg	0.44	0.09	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Calcium, Total	2000		mg/kg	8.8	2.6	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.88	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Cobalt, Total	6.1		mg/kg	1.8	0.44	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.88	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.4	1.8	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Lead, Total	30		mg/kg	4.4	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Magnesium, Total	980		mg/kg	8.8	0.88	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Manganese, Total	110		mg/kg	0.88	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Mercury, Total	0.18		mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 13:20	EPA 7471B	1,7471B	DB
Nickel, Total	7.8		mg/kg	2.2	0.35	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Potassium, Total	520		mg/kg	220	35.	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.88	0.18	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Sodium, Total	87	J	mg/kg	180	26.	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.88	0.09	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH
Zinc, Total	34		mg/kg	4.4	0.62	2	07/17/15 10:29	07/21/15 19:48	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-03
 Client ID: DP-095-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/15/15 15:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9900		mg/kg	9.0	1.8	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Arsenic, Total	5.4		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Barium, Total	83		mg/kg	0.90	0.27	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Beryllium, Total	0.79		mg/kg	0.45	0.09	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Calcium, Total	2300		mg/kg	9.0	2.7	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Cobalt, Total	8.6		mg/kg	1.8	0.45	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Iron, Total	46000		mg/kg	45	18.	20	07/17/15 10:29	07/21/15 20:19	EPA 3050B	1,6010C	JH
Lead, Total	ND		mg/kg	4.5	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	9.0	0.90	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Manganese, Total	590		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 13:21	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.2	0.36	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Potassium, Total	510		mg/kg	220	36.	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Sodium, Total	110	J	mg/kg	180	27.	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.90	0.09	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH
Zinc, Total	48		mg/kg	4.5	0.63	2	07/17/15 10:29	07/21/15 19:52	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-04
Client ID: DP-095-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Percent Solids: 84%

Date Collected: 07/15/15 15:30
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.0	1.8	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Arsenic, Total	6.2		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Barium, Total	97		mg/kg	0.90	0.27	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Beryllium, Total	0.82		mg/kg	0.45	0.09	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Calcium, Total	260		mg/kg	9.0	2.7	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Cobalt, Total	11		mg/kg	1.8	0.45	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Iron, Total	24000		mg/kg	4.5	1.8	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Lead, Total	2.3	J	mg/kg	4.5	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Magnesium, Total	2600		mg/kg	9.0	0.90	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Manganese, Total	300		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 13:23	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.2	0.36	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Potassium, Total	460		mg/kg	220	36.	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Sodium, Total	600		mg/kg	180	27.	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Vanadium, Total	26		mg/kg	0.90	0.09	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH
Zinc, Total	52		mg/kg	4.5	0.63	2	07/17/15 10:29	07/21/15 19:56	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-05
 Client ID: DP-095-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/15/15 15:45
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9500		mg/kg	9.3	1.9	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Arsenic, Total	1.2		mg/kg	0.93	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Barium, Total	71		mg/kg	0.93	0.28	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Beryllium, Total	0.53		mg/kg	0.47	0.09	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Calcium, Total	370		mg/kg	9.3	2.8	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.93	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Cobalt, Total	6.4		mg/kg	1.9	0.47	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.93	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Iron, Total	11000		mg/kg	4.7	1.9	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Lead, Total	4.4	J	mg/kg	4.7	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	9.3	0.93	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Manganese, Total	58		mg/kg	0.93	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 13:25	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.3	0.37	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Potassium, Total	420		mg/kg	230	37.	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.93	0.19	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Sodium, Total	280		mg/kg	190	28.	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Vanadium, Total	16		mg/kg	0.93	0.09	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH
Zinc, Total	40		mg/kg	4.7	0.65	2	07/17/15 10:29	07/21/15 18:41	EPA 3050B	1,6010C	JH

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG803715-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.12	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.80	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Potassium, Total	ND	mg/kg	100	16.	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Sodium, Total	ND	mg/kg	80	12.	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/17/15 10:29	07/21/15 17:54	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG804032-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/19/15 07:29	07/20/15 12:36	1,7471B	DB

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG803715-2 SRM Lot Number: D088-540								
Aluminum, Total	87		-		48-151	-		
Antimony, Total	131		-		1-208	-		
Arsenic, Total	88		-		79-121	-		
Barium, Total	94		-		83-117	-		
Beryllium, Total	87		-		83-117	-		
Cadmium, Total	84		-		83-117	-		
Calcium, Total	83		-		81-119	-		
Chromium, Total	87		-		80-120	-		
Cobalt, Total	86		-		84-115	-		
Copper, Total	90		-		81-118	-		
Iron, Total	96		-		45-155	-		
Lead, Total	89		-		81-117	-		
Magnesium, Total	84		-		76-124	-		
Manganese, Total	88		-		81-118	-		
Nickel, Total	86		-		83-117	-		
Potassium, Total	93		-		71-129	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	96		-		75-124	-		
Sodium, Total	94		-		72-127	-		
Thallium, Total	85		-		80-120	-		
Vanadium, Total	89		-		78-122	-		



Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG803715-2 SRM Lot Number: D088-540					
Zinc, Total	88	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG804032-2 SRM Lot Number: D088-540					
Mercury, Total	105	-	72-128	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG803715-4 QC Sample: L1516511-05 Client ID: DP-095-SO-300-01												
Aluminum, Total	9500	183	11000	820	Q	-	-		75-125	-		20
Antimony, Total	ND	45.7	25	55	Q	-	-		75-125	-		20
Arsenic, Total	1.2	11	10	80		-	-		75-125	-		20
Barium, Total	71.	183	230	87		-	-		75-125	-		20
Beryllium, Total	0.53	4.57	4.5	87		-	-		75-125	-		20
Cadmium, Total	ND	4.66	3.3	71	Q	-	-		75-125	-		20
Calcium, Total	370	914	1100	80		-	-		75-125	-		20
Chromium, Total	15.	18.3	32	93		-	-		75-125	-		20
Cobalt, Total	6.4	45.7	42	78		-	-		75-125	-		20
Copper, Total	11.	22.9	32	92		-	-		75-125	-		20
Iron, Total	11000	91.4	15000	4370	Q	-	-		75-125	-		20
Lead, Total	4.4J	46.6	42	90		-	-		75-125	-		20
Magnesium, Total	2300	914	3000	76		-	-		75-125	-		20
Manganese, Total	58.	45.7	99	90		-	-		75-125	-		20
Nickel, Total	13.	45.7	49	79		-	-		75-125	-		20
Potassium, Total	420	914	1300	96		-	-		75-125	-		20
Selenium, Total	ND	11	8.5	77		-	-		75-125	-		20
Silver, Total	ND	27.4	23	84		-	-		75-125	-		20
Sodium, Total	280	914	1100	90		-	-		75-125	-		20
Thallium, Total	ND	11	7.4	67	Q	-	-		75-125	-		20
Vanadium, Total	16.	45.7	64	105		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG803715-4 QC Sample: L1516511-05 Client ID: DP-095-SO-300-01									
Zinc, Total	40.	45.7	79	85	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG804032-4 QC Sample: L1516169-01 Client ID: MS Sample									
Mercury, Total	0.02J	0.16	0.24	150	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG803715-3 QC Sample: L1516511-05 Client ID: DP-095-SO-300-01						
Aluminum, Total	9500	9200	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.2	1.9	mg/kg	45	Q	20
Barium, Total	71.	70	mg/kg	1		20
Beryllium, Total	0.53	0.65	mg/kg	20		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	370	360	mg/kg	3		20
Chromium, Total	15.	16	mg/kg	6		20
Cobalt, Total	6.4	6.4	mg/kg	0		20
Copper, Total	11.	12	mg/kg	9		20
Iron, Total	11000	13000	mg/kg	17		20
Lead, Total	4.4J	5.6	mg/kg	NC		20
Magnesium, Total	2300	2200	mg/kg	4		20
Manganese, Total	58.	59	mg/kg	2		20
Nickel, Total	13.	12	mg/kg	8		20
Potassium, Total	420	410	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	280	280	mg/kg	0		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG803715-3 QC Sample: L1516511-05 Client ID: DP-095-SO-300-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	16.	22	mg/kg	32 Q	20
Zinc, Total	40.	39	mg/kg	3	20
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG804032-3 QC Sample: L1516169-01 Client ID: DUP Sample					
Mercury, Total	0.02J	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-01
Client ID: DP-095-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/15/15 15:20
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/17/15 22:14	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-02
 Client ID: DP-095-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/15/15 15:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/17/15 22:14	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516511

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-03
 Client ID: DP-095-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/15/15 15:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/17/15 22:14	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-04
 Client ID: DP-095-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/15/15 15:30
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	07/17/15 22:14	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516511-05
Client ID: DP-095-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/15/15 15:45
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	07/17/15 22:14	30,2540G	RT



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG803889-1 QC Sample: L1516412-01 Client ID: DUP Sample						
Solids, Total	74.5	75.0	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516511-01A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516511-01A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1516511-01B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516511-02A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516511-02A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1516511-02B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516511-03A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516511-03A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516511

Report Date: 07/22/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516511-03B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516511-04A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516511-04A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1516511-04B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516511-05A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516511-05A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1516511-05B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516511
Report Date: 07/22/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/17/15

ALPHA Job #: 1516511

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd.

San Diego, CA 92108

Phone: 619-285-7122

Fax: _____

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
 TAL Metals (EPA 6010)
 TPH C6 to C14 (EPA 8010)
 PAHS (EPA 8270C)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				Sample Specific Comments		
		Date	Time								
16511-01	DP-095-S0-010-01	7/15/15	1520	SO	AF	X	X	X			2
02	DP-095-S0-050-01	↓	1515	↓	↓	X	X	X			2
03	DP-095-S0-100-01	↓	1525	↓	↓	X	X	X			2
04	DP-095-S0-200-01	↓	1530	↓	↓	X	X	X			2
05	DP-095-S0-300-01	↓	1545	↓	↓	X	X	X			2

Container Type _____
Preservative _____

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/16/15 1430</u>	<u>[Signature]</u>	<u>7/16/15 1430</u>
<u>[Signature]</u>	<u>7/16/15 2000</u>	<u>[Signature]</u>	<u>7/16/15 1500</u>
<u>[Signature]</u>	<u>7/16/15 2010</u>	<u>[Signature]</u>	<u>7-16-15 2010</u>
<u>[Signature]</u>	<u>7/17/15 0015</u>	<u>[Signature]</u>	<u>7/17/15 0115</u>



ANALYTICAL REPORT

Lab Number:	L1516512
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/22/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516512-01	DP-096-SO-010-01	SOIL	Not Specified	07/16/15 07:55	07/16/15
L1516512-02	DP-096-SO-010-02	SOIL	Not Specified	07/16/15 07:55	07/16/15
L1516512-03	DP-096-SO-050-01	SOIL	Not Specified	07/16/15 08:00	07/16/15
L1516512-04	DP-096-SO-100-01	SOIL	Not Specified	07/16/15 08:10	07/16/15
L1516512-05	DP-096-SO-200-01	SOIL	Not Specified	07/16/15 08:15	07/16/15
L1516512-06	DP-096-SO-300-01	SOIL	Not Specified	07/16/15 08:20	07/16/15
L1516512-07	TB01-071615	WATER	Not Specified	07/16/15 09:00	07/16/15
L1516512-08	DP-097-SO-010-01	SOIL	Not Specified	07/16/15 09:20	07/16/15
L1516512-09	DP-097-SO-050-01	SOIL	Not Specified	07/16/15 09:25	07/16/15
L1516512-10	DP-097-SO-100-01	SOIL	Not Specified	07/16/15 09:30	07/16/15
L1516512-11	DP-097-SO-200-01	SOIL	Not Specified	07/16/15 09:40	07/16/15
L1516512-12	DP-098-SO-010-01	SOIL	Not Specified	07/16/15 10:55	07/16/15
L1516512-13	DP-098-SO-050-01	SOIL	Not Specified	07/16/15 11:10	07/16/15
L1516512-14	DP-098-SO-100-01	SOIL	Not Specified	07/16/15 11:15	07/16/15
L1516512-15	DP-098-SO-200-01	SOIL	Not Specified	07/16/15 11:25	07/16/15
L1516512-16	DP-098-SO-300-01	SOIL	Not Specified	07/16/15 11:30	07/16/15
L1516512-17	DP-099-SO-010-01	SOIL	Not Specified	07/16/15 12:10	07/16/15
L1516512-18	DP-099-SO-050-01	SOIL	Not Specified	07/16/15 12:15	07/16/15
L1516512-19	DP-099-SO-100-01	SOIL	Not Specified	07/16/15 12:20	07/16/15
L1516512-20	DP-099-SO-200-01	SOIL	Not Specified	07/16/15 12:25	07/16/15
L1516512-21	EB01-071615	WATER	Not Specified	07/16/15 13:50	07/16/15
L1516512-22	EB02-071615	WATER	Not Specified	07/16/15 14:30	07/16/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1516512-22: The sample was received above the appropriate pH for the Metals analysis. The laboratory added additional HNO₃ to a pH <2.

Metals

L1516512-01 through -06 and -08 through -20 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis. The WG803647-4 MS recoveries for aluminum (592%), calcium (36%), iron (0%) and manganese (47%), performed on L1516512-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

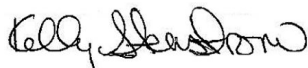
The WG803647-4 MS recovery, performed on L1516512-01, is outside the acceptance criteria for antimony (47%). A post digestion spike was performed and was within acceptance criteria.

The WG803647-3 Laboratory Duplicate RPD, performed on L1516512-01, is outside the acceptance criteria for calcium (22%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG804030-3 Laboratory Duplicate RPD, performed on L1516512-01, is outside the acceptance criteria for mercury (79%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/22/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-07
Client ID: TB01-071615
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/17/15 15:18
Analyst: PD

Date Collected: 07/16/15 09:00
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-07

Date Collected: 07/16/15 09:00

Client ID: TB01-071615

Date Received: 07/16/15

Sample Location: Not Specified

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
Client ID: EB01-071615
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/17/15 15:46
Analyst: PD

Date Collected: 07/16/15 13:50
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
Client ID: EB01-071615
Sample Location: Not Specified

Date Collected: 07/16/15 13:50
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
Client ID: EB02-071615
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/17/15 16:14
Analyst: PD

Date Collected: 07/16/15 14:30
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
Client ID: EB02-071615
Sample Location: Not Specified

Date Collected: 07/16/15 14:30
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/17/15 13:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,21-22 Batch: WG803837-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/17/15 13:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,21-22 Batch: WG803837-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	0.37	J	ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/17/15 13:27
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,21-22 Batch: WG803837-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,21-22 Batch: WG803837-1 WG803837-2								
Dichlorodifluoromethane	111		111		36-147	0		20
Chloromethane	95		94		64-130	1		20
Vinyl chloride	83		86		55-140	4		20
Bromomethane	47		54		39-139	14		20
Chloroethane	59		59		55-138	0		20
Trichlorofluoromethane	85		85		62-150	0		20
1,1-Dichloroethene	111		111		61-145	0		20
Carbon disulfide	100		99		51-130	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		111		70-130	3		20
Methylene chloride	111		109		70-130	2		20
Acetone	109		113		58-148	4		20
trans-1,2-Dichloroethene	110		106		70-130	4		20
Methyl Acetate	103		101		70-130	2		20
Methyl tert butyl ether	108		106		63-130	2		20
1,1-Dichloroethane	104		102		70-130	2		20
cis-1,2-Dichloroethene	107		106		70-130	1		20
Cyclohexane	107		105		70-130	2		20
Bromochloromethane	119		116		70-130	3		20
Chloroform	103		100		70-130	3		20
Carbon tetrachloride	112		109		63-132	3		20
1,1,1-Trichloroethane	104		102		67-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,21-22 Batch: WG803837-1 WG803837-2								
2-Butanone	115		116		63-138	1		20
Benzene	103		101		70-130	2		20
1,2-Dichloroethane	92		89		70-130	3		20
Methyl cyclohexane	109		106		70-130	3		20
Trichloroethene	106		105		70-130	1		20
1,2-Dichloropropane	102		100		70-130	2		20
Bromodichloromethane	99		98		67-130	1		20
1,4-Dioxane	34	Q	100		56-162	99	Q	20
cis-1,3-Dichloropropene	104		101		70-130	3		20
Toluene	98		98		70-130	0		20
Tetrachloroethene	109		109		70-130	0		20
4-Methyl-2-pentanone	94		94		59-130	0		20
trans-1,3-Dichloropropene	95		97		70-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Dibromochloromethane	108		110		63-130	2		20
1,2-Dibromoethane	104		106		70-130	2		20
2-Hexanone	83		86		57-130	4		20
Chlorobenzene	99		100		75-130	1		20
Ethylbenzene	93		94		70-130	1		20
p/m-Xylene	99		99		70-130	0		20
o-Xylene	97		96		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,21-22 Batch: WG803837-1 WG803837-2								
Styrene	94		96		70-130	2		20
Bromoform	95		101		54-136	6		20
Isopropylbenzene	90		92		70-130	2		20
1,1,2,2-Tetrachloroethane	91		93		67-130	2		20
1,3,5-Trimethylbenzene	88		89		64-130	1		20
1,2,4-Trimethylbenzene	87		89		70-130	2		20
1,3-Dichlorobenzene	91		95		70-130	4		20
1,4-Dichlorobenzene	89		94		70-130	5		20
1,2-Dichlorobenzene	90		95		70-130	5		20
1,2-Dibromo-3-chloropropane	72		80		41-144	11		20
1,2,4-Trichlorobenzene	82		96		70-130	16		20
Naphthalene	77		97		70-130	23	Q	20
1,2,3-Trichlorobenzene	81		97		70-130	18		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		88		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	92		95		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-01
 Client ID: DP-096-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 01:06
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.059	J	mg/kg	0.15	0.035	1
Acenaphthene	0.083	J	mg/kg	0.15	0.038	1
Fluorene	0.070	J	mg/kg	0.18	0.053	1
Phenanthrene	0.81		mg/kg	0.11	0.036	1
Anthracene	0.22		mg/kg	0.11	0.031	1
Fluoranthene	1.4		mg/kg	0.11	0.034	1
Pyrene	1.2		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.72		mg/kg	0.11	0.036	1
Chrysene	0.73		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.92		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.41		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.71		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.50		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.45		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	98		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-02
Client ID: DP-096-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/22/15 01:33
Analyst: RC
Percent Solids: 90%

Date Collected: 07/16/15 07:55
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	0.042	J	mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.35		mg/kg	0.11	0.035	1
Anthracene	0.10	J	mg/kg	0.11	0.030	1
Fluoranthene	0.66		mg/kg	0.11	0.033	1
Pyrene	0.60		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.38		mg/kg	0.11	0.035	1
Chrysene	0.38		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.48		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.17		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.36		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.24		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.059	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.24		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-03
 Client ID: DP-096-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 02:01
 Analyst: RC
 Percent Solids: 88%

Date Collected: 07/16/15 08:00
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.034	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	ND		mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	ND		mg/kg	0.11	0.034	1
Pyrene	ND		mg/kg	0.11	0.036	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.036	1
Chrysene	ND		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-04
 Client ID: DP-096-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 02:29
 Analyst: RC
 Percent Solids: 85%

Date Collected: 07/16/15 08:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.049	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.056	J	mg/kg	0.12	0.035	1
Pyrene	0.048	J	mg/kg	0.12	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-05
 Client ID: DP-096-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 02:56
 Analyst: RC
 Percent Solids: 84%

Date Collected: 07/16/15 08:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-06
 Client ID: DP-096-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 22:01
 Analyst: JB
 Percent Solids: 85%

Date Collected: 07/16/15 08:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	ND		mg/kg	0.12	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-08
 Client ID: DP-097-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 22:26
 Analyst: JB
 Percent Solids: 88%

Date Collected: 07/16/15 09:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.18		mg/kg	0.11	0.037	1
Anthracene	0.043	J	mg/kg	0.11	0.031	1
Fluoranthene	0.41		mg/kg	0.11	0.035	1
Pyrene	0.37		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.18		mg/kg	0.11	0.037	1
Chrysene	0.16		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.21		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.084	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.16		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.11	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-09
 Client ID: DP-097-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 22:52
 Analyst: JB
 Percent Solids: 85%

Date Collected: 07/16/15 09:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.066	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.32		mg/kg	0.12	0.038	1
Anthracene	0.13		mg/kg	0.12	0.032	1
Fluoranthene	1.5		mg/kg	0.12	0.035	1
Pyrene	2.4		mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.92		mg/kg	0.12	0.038	1
Chrysene	0.96		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.1		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.31		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.98		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.60		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.14		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.62		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-10
 Client ID: DP-097-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 23:17
 Analyst: JB
 Percent Solids: 83%

Date Collected: 07/16/15 09:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-11
 Client ID: DP-097-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/21/15 23:42
 Analyst: JB
 Percent Solids: 84%

Date Collected: 07/16/15 09:40
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	75		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-12
 Client ID: DP-098-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 00:08
 Analyst: JB
 Percent Solids: 93%

Date Collected: 07/16/15 10:55
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	0.12	J	mg/kg	0.14	0.037	1
Fluorene	0.11	J	mg/kg	0.18	0.051	1
Phenanthrene	1.1		mg/kg	0.11	0.035	1
Anthracene	0.29		mg/kg	0.11	0.030	1
Fluoranthene	1.6		mg/kg	0.11	0.033	1
Pyrene	1.3		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.68		mg/kg	0.11	0.035	1
Chrysene	0.60		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.75		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.29		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.60		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.42		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.10	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.36		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-13
 Client ID: DP-098-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 00:33
 Analyst: JB
 Percent Solids: 88%

Date Collected: 07/16/15 11:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.11		mg/kg	0.11	0.037	1
Anthracene	0.036	J	mg/kg	0.11	0.031	1
Fluoranthene	0.28		mg/kg	0.11	0.035	1
Pyrene	0.24		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.16		mg/kg	0.11	0.037	1
Chrysene	0.14		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.18		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.080	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.15		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.11	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.096	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-14
 Client ID: DP-098-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 00:58
 Analyst: JB
 Percent Solids: 83%

Date Collected: 07/16/15 11:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.13		mg/kg	0.12	0.038	1
Anthracene	0.043	J	mg/kg	0.12	0.033	1
Fluoranthene	0.22		mg/kg	0.12	0.036	1
Pyrene	0.16		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.093	J	mg/kg	0.12	0.039	1
Chrysene	0.080	J	mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.088	J	mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.073	J	mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.044	J	mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.042	J	mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-15
 Client ID: DP-098-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 01:24
 Analyst: JB
 Percent Solids: 83%

Date Collected: 07/16/15 11:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-16
 Client ID: DP-098-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 01:49
 Analyst: JB
 Percent Solids: 84%

Date Collected: 07/16/15 11:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-17
Client ID: DP-099-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/22/15 02:14
Analyst: JB
Percent Solids: 85%

Date Collected: 07/16/15 12:10
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.064	1
Acenaphthylene	0.047	J	mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	0.16		mg/kg	0.12	0.038	1
Anthracene	0.065	J	mg/kg	0.12	0.032	1
Fluoranthene	0.46		mg/kg	0.12	0.036	1
Pyrene	0.41		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.36		mg/kg	0.12	0.038	1
Chrysene	0.34		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.54		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.23		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.35		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.33		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	0.10	J	mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.29		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-18
 Client ID: DP-099-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 02:40
 Analyst: JB
 Percent Solids: 86%

Date Collected: 07/16/15 12:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.064	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.098	J	mg/kg	0.11	0.035	1
Pyrene	0.085	J	mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.050	J	mg/kg	0.11	0.037	1
Chrysene	0.049	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.054	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-19
 Client ID: DP-099-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 03:05
 Analyst: JB
 Percent Solids: 86%

Date Collected: 07/16/15 12:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	ND		mg/kg	0.11	0.034	1
Pyrene	ND		mg/kg	0.11	0.036	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	26		23-120
2-Fluorobiphenyl	40		30-120
4-Terphenyl-d14	33		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-20
 Client ID: DP-099-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 03:30
 Analyst: JB
 Percent Solids: 83%

Date Collected: 07/16/15 12:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 14:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	85		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
 Client ID: EB01-071615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/22/15 03:55
 Analyst: JB

Date Collected: 07/16/15 13:50
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/19/15 05:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	87		15-120
4-Terphenyl-d14	88		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
Client ID: EB02-071615
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/22/15 04:21
Analyst: JB

Date Collected: 07/16/15 14:30
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:EPA 3510C
Extraction Date: 07/19/15 05:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	91		15-120
4-Terphenyl-d14	96		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/15 20:45
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/19/15 05:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-22 Batch: WG804036-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	57		15-120
4-Terphenyl-d14	91		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/15 12:03
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/19/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG804075-1					
Naphthalene	ND		mg/kg	0.17	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
2-Chloronaphthalene	ND		mg/kg	0.17	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.17	0.048
Phenanthrene	ND		mg/kg	0.10	0.032
Anthracene	ND		mg/kg	0.10	0.028
Fluoranthene	ND		mg/kg	0.10	0.030
Pyrene	ND		mg/kg	0.10	0.032
Benzo(a)anthracene	ND		mg/kg	0.10	0.033
Chrysene	ND		mg/kg	0.10	0.033
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.037
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.035

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	128	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 07/21/15 19:29
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/19/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,08-20 Batch: WG804080-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	113		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-22 Batch: WG804036-2 WG804036-3								
Naphthalene	64		64		40-140	0		30
2-Methylnaphthalene	76		76		40-140	0		30
2-Chloronaphthalene	88		88		40-140	0		30
Acenaphthylene	90		96		45-123	6		30
Acenaphthene	71		77		37-111	8		30
Fluorene	79		85		40-140	7		30
Phenanthrene	72		80		40-140	11		30
Anthracene	79		88		40-140	11		30
Fluoranthene	82		90		40-140	9		30
Pyrene	81		88		26-127	8		30
Benzo(a)anthracene	77		82		40-140	6		30
Chrysene	73		80		40-140	9		30
Benzo(b)fluoranthene	78		82		40-140	5		30
Benzo(k)fluoranthene	74		82		40-140	10		30
Benzo(a)pyrene	76		82		40-140	8		30
Indeno(1,2,3-cd)Pyrene	80		87		40-140	8		30
Dibenzo(a,h)anthracene	81		88		40-140	8		30
Benzo(ghi)perylene	76		83		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-22 Batch: WG804036-2 WG804036-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	60		59		23-120
2-Fluorobiphenyl	85		86		15-120
4-Terphenyl-d14	86		93		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG804075-2 WG804075-3								
Naphthalene	78		89		40-140	13		50
2-Methylnaphthalene	89		102		40-140	14		50
2-Chloronaphthalene	100		115		40-140	14		50
Acenaphthylene	105		119		40-140	13		50
Acenaphthene	84		93		31-137	10		50
Fluorene	93		100		40-140	7		50
Phenanthrene	88		96		40-140	9		50
Anthracene	97		106		40-140	9		50
Fluoranthene	100		108		40-140	8		50
Pyrene	99		108		35-142	9		50
Benzo(a)anthracene	92		97		40-140	5		50
Chrysene	87		92		40-140	6		50
Benzo(b)fluoranthene	86		92		40-140	7		50
Benzo(k)fluoranthene	91		101		40-140	10		50
Benzo(a)pyrene	90		96		40-140	6		50
Indeno(1,2,3-cd)pyrene	93		100		40-140	7		50
Dibenzo(a,h)anthracene	95		101		40-140	6		50
Benzo(ghi)perylene	90		96		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG804075-2 WG804075-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	66		75		23-120
2-Fluorobiphenyl	100		110		30-120
4-Terphenyl-d14	105		110		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08-20 Batch: WG804080-2 WG804080-3								
Naphthalene	78		79		40-140	1		50
2-Methylnaphthalene	93		91		40-140	2		50
2-Chloronaphthalene	104		102		40-140	2		50
Acenaphthylene	110		105		40-140	5		50
Acenaphthene	87		86		31-137	1		50
Fluorene	97		94		40-140	3		50
Phenanthrene	90		91		40-140	1		50
Anthracene	98		99		40-140	1		50
Fluoranthene	101		101		40-140	0		50
Pyrene	100		100		35-142	0		50
Benzo(a)anthracene	92		92		40-140	0		50
Chrysene	90		89		40-140	1		50
Benzo(b)fluoranthene	89		91		40-140	2		50
Benzo(k)fluoranthene	92		92		40-140	0		50
Benzo(a)pyrene	91		92		40-140	1		50
Indeno(1,2,3-cd)pyrene	93		95		40-140	2		50
Dibenzo(a,h)anthracene	95		97		40-140	2		50
Benzo(ghi)perylene	90		91		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08-20 Batch: WG804080-2 WG804080-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	68		67		23-120
2-Fluorobiphenyl	102		98		30-120
4-Terphenyl-d14	102		103		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-01
Client ID: DP-096-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 07:23
Analyst: AR
Percent Solids: 89%

Date Collected: 07/16/15 07:55
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	128.		mg/kg	35.6	3.97	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-01
Client ID: DP-096-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 14:18
Analyst: BS
Percent Solids: 89%

Date Collected: 07/16/15 07:55
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	85		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-02
 Client ID: DP-096-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 14:59
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-02
 Client ID: DP-096-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 22:34
 Analyst: SR
 Percent Solids: 90%

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	130.		mg/kg	35.0	3.91	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-03
 Client ID: DP-096-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 05:11
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/16/15 08:00
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	17.6	J	mg/kg	36.1	4.02	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-03
 Client ID: DP-096-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 12:09
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/16/15 08:00
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-04
Client ID: DP-096-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 05:47
Analyst: AR
Percent Solids: 85%

Date Collected: 07/16/15 08:10
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.4	J	mg/kg	37.2	4.15	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-04
 Client ID: DP-096-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 03:08
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/16/15 08:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-05
 Client ID: DP-096-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 03:24
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/16/15 08:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.60	J	mg/kg	39.6	4.41	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-05
 Client ID: DP-096-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 05:10
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/16/15 08:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-06
 Client ID: DP-096-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 04:00
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/16/15 08:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.36	J	mg/kg	37.3	4.17	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-06
 Client ID: DP-096-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 05:50
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/16/15 08:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-08
 Client ID: DP-097-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 06:31
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/16/15 09:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-08 D

Date Collected: 07/16/15 09:20

Client ID: DP-097-SO-010-01

Date Received: 07/16/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/18/15 20:38

Analytical Date: 07/21/15 21:15

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1910		mg/kg	372	41.6	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-09
 Client ID: DP-097-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 07:11
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/16/15 09:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-09 D

Date Collected: 07/16/15 09:25

Client ID: DP-097-SO-050-01

Date Received: 07/16/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/18/15 20:38

Analytical Date: 07/21/15 20:39

Analyst: AR

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2520		mg/kg	372	41.6	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-10
Client ID: DP-097-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 07:51
Analyst: BS
Percent Solids: 83%

Date Collected: 07/16/15 09:30
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-10 D

Date Collected: 07/16/15 09:30

Client ID: DP-097-SO-100-01

Date Received: 07/16/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/18/15 20:39

Analytical Date: 07/21/15 21:52

Analyst: AR

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	826.		mg/kg	196	21.8	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-11
Client ID: DP-097-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 06:23
Analyst: AR
Percent Solids: 84%

Date Collected: 07/16/15 09:40
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.85	J	mg/kg	38.3	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-11
 Client ID: DP-097-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 14:07
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/16/15 09:40
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	112		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-12
Client ID: DP-098-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 06:19
Analyst: AR
Percent Solids: 93%

Date Collected: 07/16/15 10:55
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	133.		mg/kg	36.0	4.01	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-12
Client ID: DP-098-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 14:47
Analyst: BS
Percent Solids: 93%

Date Collected: 07/16/15 10:55
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-13
 Client ID: DP-098-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 06:51
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/16/15 11:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	120.		mg/kg	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-13
 Client ID: DP-098-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 15:26
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/16/15 11:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-14
 Client ID: DP-098-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 04:35
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/16/15 11:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	21.6	J	mg/kg	38.2	4.26	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-14
 Client ID: DP-098-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 16:06
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/16/15 11:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-15
 Client ID: DP-098-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 06:59
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/16/15 11:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.32	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-15
Client ID: DP-098-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 16:45
Analyst: BS
Percent Solids: 83%

Date Collected: 07/16/15 11:25
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-16
 Client ID: DP-098-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 07:35
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/16/15 11:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	15.4	J	mg/kg	39.1	4.36	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-16
 Client ID: DP-098-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 17:25
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/16/15 11:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-17
 Client ID: DP-099-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 20:11
 Analyst: SR
 Percent Solids: 85%

Date Collected: 07/16/15 12:10
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	215.		mg/kg	38.8	4.34	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-17
Client ID: DP-099-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 18:04
Analyst: BS
Percent Solids: 85%

Date Collected: 07/16/15 12:10
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-18
 Client ID: DP-099-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 17:38
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/16/15 12:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	25.6	J	mg/kg	38.6	4.31	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-18
 Client ID: DP-099-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 18:44
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/16/15 12:15
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-19
 Client ID: DP-099-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 18:14
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/16/15 12:20
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.34	J	mg/kg	37.5	4.18	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516512**Project Number:** 40223-002**Report Date:** 07/22/15**SAMPLE RESULTS**

Lab ID: L1516512-19
Client ID: DP-099-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 19:23
Analyst: BS
Percent Solids: 86%

Date Collected: 07/16/15 12:20
Date Received: 07/16/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-20
 Client ID: DP-099-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 19:26
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/16/15 12:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.0	4.46	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-20
 Client ID: DP-099-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 20:03
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/16/15 12:25
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
 Client ID: EB01-071615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 01:00
 Analyst: AR

Date Collected: 07/16/15 13:50
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/18/15 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	169	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
 Client ID: EB01-071615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 11:29
 Analyst: BS

Date Collected: 07/16/15 13:50
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
 Client ID: EB02-071615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 01:36
 Analyst: AR

Date Collected: 07/16/15 14:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/18/15 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	140	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
 Client ID: EB02-071615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 23:19
 Analyst: BS

Date Collected: 07/16/15 14:30
 Date Received: 07/16/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 23:11
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/18/15 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 21-22 Batch: WG803958-1					
Total Petroleum Hydrocarbons (C9-C44)	66.0	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	58		40-140

Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 02:12
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 07/18/15 20:38

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01,03-06,08-16 Batch: WG804009-1					
Total Petroleum Hydrocarbons (C9-C44)	6.79	J	mg/kg	31.3	3.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 17:13
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02,17-20 Batch: WG804088-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.9	3.56

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 10:14
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-02 Batch: WG804588-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 22:25
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 04-06,08-10 Batch: WG804588-6					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	86		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 10:49
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 21 Batch: WG805020-3					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 22:40
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 22 Batch: WG805020-6					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 10:49
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03,11-20 Batch: WG805022-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-22 Batch: WG803958-2								
Total Petroleum Hydrocarbons (C9-C44)	49		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	56				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03-06,08-16 Batch: WG804009-2								
Total Petroleum Hydrocarbons (C9-C44)	79		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02,17-20 Batch: WG804088-2								
Total Petroleum Hydrocarbons (C9-C44)	85		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	74				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG804588-1 WG804588-2								
Gasoline Range Organics	91		98		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		104		70-130
4-Bromofluorobenzene	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG804588-4 WG804588-5								
Gasoline Range Organics	88		91		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	95		98		70-130
4-Bromofluorobenzene	90		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 21 Batch: WG805020-1 WG805020-2								
Gasoline Range Organics	83		95		80-120	13		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	107		108		70-130
4-Bromofluorobenzene	113		112		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 22 Batch: WG805020-4 WG805020-5								
Gasoline Range Organics	91		94		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		104		70-130
4-Bromofluorobenzene	109		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03,11-20 Batch: WG805022-1 WG805022-2								
Gasoline Range Organics	83		95		80-120	13		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	107		108		70-130
4-Bromofluorobenzene	113		112		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02,04-06,08-10 QC Batch ID: WG804588-8 QC Sample: L1516512-04 Client ID: DP-096-SO-100-01												
Gasoline Range Organics	ND	23	21	92		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	94				70-130
4-Bromofluorobenzene	79				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 03,11-20 QC Batch ID: WG805022-5 QC Sample: L1516512-03 Client ID: DP-096-SO-050-01												
Gasoline Range Organics	ND	21.9	20	89		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	106				70-130
4-Bromofluorobenzene	111				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803958-3 QC Sample: L1516512-21 Client ID: EB01-071615						

Total Petroleum Hydrocarbons (C9-C44)	169.J	92.8J	ug/l	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		73		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01,03-06,08-16 QC Batch ID: WG804009-3 QC Sample: L1516511-01 Client ID: DUP Sample						
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Total Petroleum Hydrocarbons (C9-C44)	72.0	75.4	mg/kg	5		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		73		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02,17-20 QC Batch ID: WG804088-3 QC Sample: L1516512-17 Client ID: DP-099-SO-010-01					
Total Petroleum Hydrocarbons (C9-C44)	215	145	mg/kg	39	40

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
o-Terphenyl	83	84	40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02,04-06,08-10 QC Batch ID: WG804588-7 QC Sample: L1516512-04 Client ID: DP-096-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		96		70-130
4-Bromofluorobenzene	72		81		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03,11-20 QC Batch ID: WG805022-4 QC Sample: L1516512-03 Client ID: DP-096-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		105		70-130
4-Bromofluorobenzene	105		110		70-130

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-01
 Client ID: DP-096-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	8.4	1.7	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Arsenic, Total	7.3		mg/kg	0.84	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Barium, Total	63		mg/kg	0.84	0.25	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Beryllium, Total	0.53		mg/kg	0.42	0.08	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.84	0.06	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Calcium, Total	5000		mg/kg	8.4	2.5	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Chromium, Total	16		mg/kg	0.84	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Cobalt, Total	7.8		mg/kg	1.7	0.42	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Copper, Total	17		mg/kg	0.84	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Iron, Total	21000		mg/kg	4.2	1.7	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Lead, Total	30		mg/kg	4.2	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Magnesium, Total	1500		mg/kg	8.4	0.84	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Manganese, Total	240		mg/kg	0.84	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Mercury, Total	0.13		mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:03	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.1	0.34	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Potassium, Total	520		mg/kg	210	34.	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.84	0.17	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Sodium, Total	54	J	mg/kg	170	25.	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Vanadium, Total	26		mg/kg	0.84	0.08	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC
Zinc, Total	54		mg/kg	4.2	0.59	2	07/17/15 08:45	07/21/15 17:11	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-02
 Client ID: DP-096-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9100		mg/kg	8.2	1.6	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.1	0.66	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Arsenic, Total	5.8		mg/kg	0.82	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Barium, Total	65		mg/kg	0.82	0.24	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Beryllium, Total	0.55		mg/kg	0.41	0.08	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.82	0.06	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Calcium, Total	4800		mg/kg	8.2	2.4	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Chromium, Total	16		mg/kg	0.82	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Cobalt, Total	8.3		mg/kg	1.6	0.41	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Copper, Total	15		mg/kg	0.82	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Iron, Total	17000		mg/kg	4.1	1.6	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Lead, Total	22		mg/kg	4.1	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Magnesium, Total	1500		mg/kg	8.2	0.82	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Manganese, Total	220		mg/kg	0.82	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Mercury, Total	0.08		mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:11	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.0	0.33	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Potassium, Total	530		mg/kg	200	33.	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.6	0.24	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.82	0.16	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Sodium, Total	73	J	mg/kg	160	24.	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.6	0.33	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Vanadium, Total	24		mg/kg	0.82	0.08	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC
Zinc, Total	48		mg/kg	4.1	0.57	2	07/17/15 08:45	07/21/15 17:45	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-03
 Client ID: DP-096-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/16/15 08:00
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8300		mg/kg	8.8	1.8	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Arsenic, Total	3.8		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Barium, Total	59		mg/kg	0.88	0.26	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Beryllium, Total	0.63		mg/kg	0.44	0.09	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Calcium, Total	1400		mg/kg	8.8	2.6	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Chromium, Total	15		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Cobalt, Total	9.3		mg/kg	1.8	0.44	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Iron, Total	16000		mg/kg	4.4	1.8	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Lead, Total	2.4	J	mg/kg	4.4	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Magnesium, Total	1800		mg/kg	8.8	0.88	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Manganese, Total	130		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:13	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.2	0.35	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Potassium, Total	500		mg/kg	220	35.	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Sodium, Total	40	J	mg/kg	180	26.	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Vanadium, Total	22		mg/kg	0.88	0.09	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC
Zinc, Total	47		mg/kg	4.4	0.61	2	07/17/15 08:45	07/21/15 17:49	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-04
 Client ID: DP-096-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/16/15 08:10
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	9.0	1.8	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Arsenic, Total	9.9		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Barium, Total	80		mg/kg	0.90	0.27	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Beryllium, Total	0.49		mg/kg	0.45	0.09	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Calcium, Total	11000		mg/kg	9.0	2.7	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Chromium, Total	12		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Cobalt, Total	7.0		mg/kg	1.8	0.45	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Copper, Total	18		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Iron, Total	16000		mg/kg	4.5	1.8	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Lead, Total	130		mg/kg	4.5	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Magnesium, Total	2200		mg/kg	9.0	0.90	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Manganese, Total	290		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Mercury, Total	0.10		mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:14	EPA 7471B	1,7471B	DB
Nickel, Total	9.2		mg/kg	2.2	0.36	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Potassium, Total	520		mg/kg	220	36.	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Sodium, Total	120	J	mg/kg	180	27.	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Vanadium, Total	20		mg/kg	0.90	0.09	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC
Zinc, Total	40		mg/kg	4.5	0.63	2	07/17/15 08:45	07/21/15 17:53	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-05
 Client ID: DP-096-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/16/15 08:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.3	1.9	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Arsenic, Total	6.2		mg/kg	0.93	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Barium, Total	190		mg/kg	0.93	0.28	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Beryllium, Total	0.68		mg/kg	0.47	0.09	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Calcium, Total	260		mg/kg	9.3	2.8	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Chromium, Total	18		mg/kg	0.93	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Cobalt, Total	14		mg/kg	1.9	0.47	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Copper, Total	14		mg/kg	0.93	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Iron, Total	21000		mg/kg	4.7	1.9	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Lead, Total	ND		mg/kg	4.7	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Magnesium, Total	2600		mg/kg	9.3	0.93	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Manganese, Total	480		mg/kg	0.93	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:25	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.3	0.37	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Potassium, Total	550		mg/kg	230	37.	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.93	0.19	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Sodium, Total	500		mg/kg	190	28.	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Vanadium, Total	22		mg/kg	0.93	0.09	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC
Zinc, Total	55		mg/kg	4.7	0.65	2	07/17/15 08:45	07/21/15 17:56	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-06
 Client ID: DP-096-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/16/15 08:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Arsenic, Total	1.8		mg/kg	0.92	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Barium, Total	71		mg/kg	0.92	0.28	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Calcium, Total	430		mg/kg	9.2	2.8	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Chromium, Total	19		mg/kg	0.92	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Cobalt, Total	9.4		mg/kg	1.8	0.46	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Copper, Total	14		mg/kg	0.92	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Iron, Total	11000		mg/kg	4.6	1.8	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Lead, Total	6.5		mg/kg	4.6	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Magnesium, Total	2500		mg/kg	9.2	0.92	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Manganese, Total	86		mg/kg	0.92	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:27	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.3	0.37	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Potassium, Total	460		mg/kg	230	37.	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.92	0.18	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Sodium, Total	350		mg/kg	180	28.	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Vanadium, Total	27		mg/kg	0.92	0.09	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC
Zinc, Total	50		mg/kg	4.6	0.64	2	07/17/15 08:45	07/21/15 18:00	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-08
 Client ID: DP-097-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/16/15 09:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7600		mg/kg	8.5	1.7	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Arsenic, Total	5.5		mg/kg	0.85	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Barium, Total	57		mg/kg	0.85	0.26	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Beryllium, Total	0.46		mg/kg	0.43	0.09	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.85	0.06	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Calcium, Total	5100		mg/kg	8.5	2.6	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Chromium, Total	16		mg/kg	0.85	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Cobalt, Total	6.6		mg/kg	1.7	0.43	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.85	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Iron, Total	18000		mg/kg	4.3	1.7	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Lead, Total	24		mg/kg	4.3	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Magnesium, Total	1400		mg/kg	8.5	0.85	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Manganese, Total	160		mg/kg	0.85	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Mercury, Total	0.065	J	mg/kg	0.071	0.015	1	07/19/15 06:50	07/20/15 14:29	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.1	0.34	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Potassium, Total	490		mg/kg	210	34.	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.85	0.17	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Sodium, Total	94	J	mg/kg	170	26.	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Vanadium, Total	22		mg/kg	0.85	0.09	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC
Zinc, Total	71		mg/kg	4.3	0.60	2	07/17/15 08:45	07/21/15 18:19	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-09
 Client ID: DP-097-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/16/15 09:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8800		mg/kg	9.0	1.8	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Arsenic, Total	6.4		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Barium, Total	58		mg/kg	0.90	0.27	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Beryllium, Total	0.53		mg/kg	0.45	0.09	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Calcium, Total	4900		mg/kg	9.0	2.7	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Chromium, Total	15		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Cobalt, Total	7.4		mg/kg	1.8	0.45	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Copper, Total	18		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Iron, Total	19000		mg/kg	4.5	1.8	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Lead, Total	26		mg/kg	4.5	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Magnesium, Total	1800		mg/kg	9.0	0.90	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Manganese, Total	220		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Mercury, Total	0.13		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:30	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.2	0.36	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Potassium, Total	510		mg/kg	220	36.	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Sodium, Total	84	J	mg/kg	180	27.	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Vanadium, Total	23		mg/kg	0.90	0.09	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC
Zinc, Total	64		mg/kg	4.5	0.63	2	07/17/15 08:45	07/21/15 18:23	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-10
 Client ID: DP-097-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/16/15 09:30
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9200		mg/kg	9.6	1.9	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Arsenic, Total	15		mg/kg	0.96	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Barium, Total	76		mg/kg	0.96	0.29	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Beryllium, Total	0.63		mg/kg	0.48	0.10	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Cadmium, Total	0.09	J	mg/kg	0.96	0.07	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Calcium, Total	1400		mg/kg	9.6	2.9	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Chromium, Total	34		mg/kg	0.96	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Cobalt, Total	15		mg/kg	1.9	0.48	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Copper, Total	60		mg/kg	0.96	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Iron, Total	40000		mg/kg	4.8	1.9	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Lead, Total	4.2	J	mg/kg	4.8	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Magnesium, Total	2400		mg/kg	9.6	0.96	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Manganese, Total	830		mg/kg	0.96	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:32	EPA 7471B	1,7471B	DB
Nickel, Total	30		mg/kg	2.4	0.38	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Potassium, Total	520		mg/kg	240	38.	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Sodium, Total	220		mg/kg	190	29.	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Vanadium, Total	28		mg/kg	0.96	0.10	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC
Zinc, Total	140		mg/kg	4.8	0.67	2	07/17/15 08:45	07/21/15 18:26	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-11

Date Collected: 07/16/15 09:40

Client ID: DP-097-SO-200-01

Date Received: 07/16/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.3	1.8	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Arsenic, Total	6.2		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Barium, Total	66		mg/kg	0.93	0.28	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Beryllium, Total	0.80		mg/kg	0.46	0.09	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Calcium, Total	320		mg/kg	9.3	2.8	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Chromium, Total	18		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Cobalt, Total	6.6		mg/kg	1.8	0.46	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Copper, Total	14		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Iron, Total	23000		mg/kg	4.6	1.8	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Lead, Total	ND		mg/kg	4.6	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Magnesium, Total	2700		mg/kg	9.3	0.93	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Manganese, Total	250		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:34	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.3	0.37	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Potassium, Total	470		mg/kg	230	37.	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Sodium, Total	570		mg/kg	180	28.	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Vanadium, Total	28		mg/kg	0.93	0.09	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC
Zinc, Total	55		mg/kg	4.6	0.65	2	07/17/15 08:45	07/21/15 18:30	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-12
Client ID: DP-098-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Percent Solids: 93%

Date Collected: 07/16/15 10:55
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6100		mg/kg	8.1	1.6	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.0	0.64	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Arsenic, Total	3.9		mg/kg	0.81	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Barium, Total	41		mg/kg	0.81	0.24	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Beryllium, Total	0.31	J	mg/kg	0.40	0.08	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.81	0.06	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Calcium, Total	3200		mg/kg	8.1	2.4	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Chromium, Total	13		mg/kg	0.81	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Cobalt, Total	4.2		mg/kg	1.6	0.40	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Copper, Total	12		mg/kg	0.81	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Iron, Total	10000		mg/kg	4.0	1.6	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Lead, Total	22		mg/kg	4.0	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Magnesium, Total	1100		mg/kg	8.1	0.81	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Manganese, Total	100		mg/kg	0.81	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:36	EPA 7471B	1,7471B	DB
Nickel, Total	7.8		mg/kg	2.0	0.32	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Potassium, Total	390		mg/kg	200	32.	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.6	0.24	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.81	0.16	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Sodium, Total	24	J	mg/kg	160	24.	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.6	0.32	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Vanadium, Total	19		mg/kg	0.81	0.08	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC
Zinc, Total	38		mg/kg	4.0	0.56	2	07/17/15 08:45	07/21/15 18:34	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-13
Client ID: DP-098-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Percent Solids: 88%

Date Collected: 07/16/15 11:10
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	8.8	1.8	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Arsenic, Total	4.1		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Barium, Total	69		mg/kg	0.88	0.26	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Beryllium, Total	0.70		mg/kg	0.44	0.09	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Cadmium, Total	0.09	J	mg/kg	0.88	0.06	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Calcium, Total	2200		mg/kg	8.8	2.6	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Chromium, Total	13		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Cobalt, Total	11		mg/kg	1.8	0.44	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Copper, Total	22		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Iron, Total	12000		mg/kg	4.4	1.8	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Lead, Total	70		mg/kg	4.4	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Magnesium, Total	1100		mg/kg	8.8	0.88	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Manganese, Total	140		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Mercury, Total	0.16		mg/kg	0.07	0.02	1	07/19/15 06:50	07/20/15 14:38	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.2	0.35	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Potassium, Total	490		mg/kg	220	35.	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Sodium, Total	44	J	mg/kg	180	26.	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Vanadium, Total	20		mg/kg	0.88	0.09	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC
Zinc, Total	67		mg/kg	4.4	0.62	2	07/17/15 08:45	07/21/15 18:37	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-14
 Client ID: DP-098-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/16/15 11:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9000		mg/kg	9.3	1.8	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Arsenic, Total	5.3		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Barium, Total	80		mg/kg	0.93	0.28	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Beryllium, Total	0.58		mg/kg	0.46	0.09	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Calcium, Total	1000		mg/kg	9.3	2.8	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Chromium, Total	16		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Cobalt, Total	9.2		mg/kg	1.8	0.46	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Copper, Total	15		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Iron, Total	18000		mg/kg	4.6	1.8	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Lead, Total	16		mg/kg	4.6	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Magnesium, Total	2000		mg/kg	9.3	0.93	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Manganese, Total	120		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:39	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.3	0.37	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Potassium, Total	510		mg/kg	230	37.	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.93	0.18	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Sodium, Total	68	J	mg/kg	180	28.	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Vanadium, Total	22		mg/kg	0.93	0.09	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC
Zinc, Total	54		mg/kg	4.6	0.65	2	07/17/15 08:45	07/21/15 18:41	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-15
 Client ID: DP-098-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/16/15 11:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.1	1.8	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Arsenic, Total	7.6		mg/kg	0.91	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Barium, Total	150		mg/kg	0.91	0.27	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Beryllium, Total	0.67		mg/kg	0.46	0.09	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Calcium, Total	270		mg/kg	9.1	2.7	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Chromium, Total	20		mg/kg	0.91	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Cobalt, Total	18		mg/kg	1.8	0.46	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Copper, Total	13		mg/kg	0.91	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Iron, Total	23000		mg/kg	4.6	1.8	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Lead, Total	ND		mg/kg	4.6	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Magnesium, Total	2200		mg/kg	9.1	0.91	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Manganese, Total	160		mg/kg	0.91	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:41	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.3	0.36	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Potassium, Total	410		mg/kg	230	36.	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Sodium, Total	490		mg/kg	180	27.	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Vanadium, Total	27		mg/kg	0.91	0.09	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC
Zinc, Total	44		mg/kg	4.6	0.64	2	07/17/15 08:45	07/21/15 18:45	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-16
 Client ID: DP-098-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/16/15 11:30
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.0	1.8	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Arsenic, Total	3.9		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Barium, Total	70		mg/kg	0.90	0.27	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Beryllium, Total	0.70		mg/kg	0.45	0.09	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Calcium, Total	430		mg/kg	9.0	2.7	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Chromium, Total	20		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Cobalt, Total	4.9		mg/kg	1.8	0.45	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Iron, Total	15000		mg/kg	4.5	1.8	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Lead, Total	1.9	J	mg/kg	4.5	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Magnesium, Total	2400		mg/kg	9.0	0.90	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Manganese, Total	57		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:47	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.2	0.36	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Potassium, Total	460		mg/kg	220	36.	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Sodium, Total	300		mg/kg	180	27.	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Vanadium, Total	25		mg/kg	0.90	0.09	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC
Zinc, Total	51		mg/kg	4.5	0.63	2	07/17/15 08:45	07/21/15 19:13	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-17
 Client ID: DP-099-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/16/15 12:10
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	8.9	1.8	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.71	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Arsenic, Total	6.7		mg/kg	0.89	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Barium, Total	64		mg/kg	0.89	0.27	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Beryllium, Total	0.43	J	mg/kg	0.45	0.09	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Calcium, Total	28000		mg/kg	8.9	2.7	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Chromium, Total	14		mg/kg	0.89	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Cobalt, Total	6.8		mg/kg	1.8	0.45	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.89	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Iron, Total	19000		mg/kg	4.5	1.8	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Lead, Total	24		mg/kg	4.5	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Magnesium, Total	1600		mg/kg	8.9	0.89	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Manganese, Total	290		mg/kg	0.89	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Mercury, Total	0.82		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:48	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.2	0.36	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Potassium, Total	540		mg/kg	220	36.	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.89	0.18	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Sodium, Total	30	J	mg/kg	180	27.	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Vanadium, Total	27		mg/kg	0.89	0.09	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC
Zinc, Total	47		mg/kg	4.5	0.62	2	07/17/15 08:45	07/21/15 19:16	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-18
 Client ID: DP-099-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/16/15 12:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6300		mg/kg	8.8	1.8	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Arsenic, Total	5.0		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Barium, Total	95		mg/kg	0.88	0.26	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Beryllium, Total	0.52		mg/kg	0.44	0.09	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Calcium, Total	4100		mg/kg	8.8	2.6	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Chromium, Total	12		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Cobalt, Total	7.4		mg/kg	1.8	0.44	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Iron, Total	14000		mg/kg	4.4	1.8	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Lead, Total	300		mg/kg	4.4	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Magnesium, Total	1000		mg/kg	8.8	0.88	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Manganese, Total	110		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Mercury, Total	0.10		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:50	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.2	0.35	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Potassium, Total	460		mg/kg	220	35.	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Sodium, Total	51	J	mg/kg	180	26.	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Vanadium, Total	19		mg/kg	0.88	0.09	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC
Zinc, Total	69		mg/kg	4.4	0.62	2	07/17/15 08:45	07/21/15 19:20	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-19
 Client ID: DP-099-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/16/15 12:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8800		mg/kg	8.8	1.8	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Arsenic, Total	4.8		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Barium, Total	85		mg/kg	0.88	0.26	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Beryllium, Total	0.49		mg/kg	0.44	0.09	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Calcium, Total	660		mg/kg	8.8	2.6	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Chromium, Total	15		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Cobalt, Total	7.3		mg/kg	1.8	0.44	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Copper, Total	11		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Iron, Total	19000		mg/kg	4.4	1.8	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Lead, Total	ND		mg/kg	4.4	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Magnesium, Total	1900		mg/kg	8.8	0.88	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Manganese, Total	110		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:52	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.2	0.35	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Potassium, Total	450		mg/kg	220	35.	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Sodium, Total	64	J	mg/kg	180	26.	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Vanadium, Total	18		mg/kg	0.88	0.09	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC
Zinc, Total	43		mg/kg	4.4	0.61	2	07/17/15 08:45	07/21/15 19:24	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-20
 Client ID: DP-099-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/16/15 12:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.0	1.8	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Arsenic, Total	7.6		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Barium, Total	81		mg/kg	0.90	0.27	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Beryllium, Total	0.76		mg/kg	0.45	0.09	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Calcium, Total	280		mg/kg	9.0	2.7	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Chromium, Total	17		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Cobalt, Total	24		mg/kg	1.8	0.45	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Copper, Total	15		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Iron, Total	24000		mg/kg	4.5	1.8	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Lead, Total	ND		mg/kg	4.5	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Magnesium, Total	2800		mg/kg	9.0	0.90	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Manganese, Total	540		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 14:54	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.2	0.36	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Potassium, Total	420		mg/kg	220	36.	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Sodium, Total	350		mg/kg	180	27.	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Vanadium, Total	25		mg/kg	0.90	0.09	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC
Zinc, Total	56		mg/kg	4.5	0.63	2	07/17/15 08:45	07/21/15 19:27	EPA 3050B	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-21
Client ID: EB01-071615
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/16/15 13:50
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Antimony, Total	11.2	J	ug/l	50.0	8.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Calcium, Total	110		ug/l	100	30.	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Chromium, Total	2.7	J	ug/l	10.	2.0	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Iron, Total	470		ug/l	50.	20.	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Magnesium, Total	19.	J	ug/l	100	10.	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Manganese, Total	6.70	J	ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/17/15 15:05	07/17/15 21:19	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/17/15 12:26	07/21/15 23:04	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-22
Client ID: EB02-071615
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/16/15 14:30
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Antimony, Total	20.1	J	ug/l	50.0	8.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Calcium, Total	160		ug/l	100	30.	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Iron, Total	210		ug/l	50.	20.	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Magnesium, Total	28.	J	ug/l	100	10.	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Manganese, Total	2.90	J	ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/17/15 15:05	07/17/15 21:21	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH
Zinc, Total	9.40	J	ug/l	50.0	7.00	1	07/17/15 12:26	07/21/15 23:20	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-22 Batch: WG803640-1									
Aluminum, Total	ND	ug/l	100	20.	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Antimony, Total	ND	ug/l	50.0	8.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Arsenic, Total	ND	ug/l	5.00	2.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Barium, Total	ND	ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Beryllium, Total	ND	ug/l	5.00	1.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Cadmium, Total	ND	ug/l	5.00	0.700	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Calcium, Total	ND	ug/l	100	30.	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Chromium, Total	ND	ug/l	10	2.0	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Cobalt, Total	ND	ug/l	20.0	5.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Copper, Total	ND	ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Iron, Total	ND	ug/l	50	20.	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Lead, Total	ND	ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Magnesium, Total	ND	ug/l	100	10.	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Manganese, Total	ND	ug/l	10.0	2.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Nickel, Total	ND	ug/l	25.0	4.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Potassium, Total	ND	ug/l	2500	400	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Selenium, Total	ND	ug/l	10.0	3.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Silver, Total	ND	ug/l	7.00	2.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Sodium, Total	ND	ug/l	2000	300	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Thallium, Total	ND	ug/l	20.0	4.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Vanadium, Total	ND	ug/l	10.0	1.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH
Zinc, Total	ND	ug/l	50.0	7.00	1	07/17/15 12:26	07/21/15 19:28	1,6010C	JH

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-06,08-20 Batch: WG803647-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Barium, Total	ND	mg/kg	0.40	0.12	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Copper, Total	ND	mg/kg	0.40	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Iron, Total	ND	mg/kg	2.0	0.80	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Potassium, Total	ND	mg/kg	100	16.	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Silver, Total	ND	mg/kg	0.40	0.08	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Sodium, Total	ND	mg/kg	80	12.	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/17/15 08:45	07/21/15 16:49	1,6010C	BC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-22 Batch: WG803702-1									
Mercury, Total	ND	ug/l	0.2000	0.0660	1	07/17/15 15:05	07/17/15 20:56	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-06,08-20 Batch: WG804030-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/19/15 06:50	07/20/15 13:44	1,7471B	DB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 21-22 Batch: WG803640-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	99		-		80-120	-		
Cadmium, Total	110		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-22 Batch: WG803640-2					
Zinc, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 Batch: WG803647-2 SRM Lot Number: D088-540					
Aluminum, Total	91	-	48-151	-	
Antimony, Total	140	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	98	-	83-117	-	
Calcium, Total	90	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	85	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	98	-	83-117	-	
Potassium, Total	96	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	105	-	75-124	-	
Sodium, Total	95	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 Batch: WG803647-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 21-22 Batch: WG803702-2					
Mercury, Total	111	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 Batch: WG804030-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803640-4 QC Sample: L1516512-21 Client ID: EB01-071615												
Aluminum, Total	ND	2000	2000	100	-	-	-	-	75-125	-	-	20
Antimony, Total	11.2J	500	470	94	-	-	-	-	75-125	-	-	20
Arsenic, Total	ND	120	124	103	-	-	-	-	75-125	-	-	20
Barium, Total	ND	2000	1960	98	-	-	-	-	75-125	-	-	20
Beryllium, Total	ND	50	48.6	97	-	-	-	-	75-125	-	-	20
Cadmium, Total	ND	51	55.7	109	-	-	-	-	75-125	-	-	20
Calcium, Total	110	10000	9600	95	-	-	-	-	75-125	-	-	20
Chromium, Total	2.7J	200	200	100	-	-	-	-	75-125	-	-	20
Cobalt, Total	ND	500	496	99	-	-	-	-	75-125	-	-	20
Copper, Total	ND	250	250	100	-	-	-	-	75-125	-	-	20
Iron, Total	470	1000	1400	93	-	-	-	-	75-125	-	-	20
Lead, Total	ND	510	545	107	-	-	-	-	75-125	-	-	20
Magnesium, Total	19.J	10000	10000	100	-	-	-	-	75-125	-	-	20
Manganese, Total	6.70J	500	483	97	-	-	-	-	75-125	-	-	20
Nickel, Total	ND	500	503	101	-	-	-	-	75-125	-	-	20
Potassium, Total	ND	10000	10000	100	-	-	-	-	75-125	-	-	20
Selenium, Total	ND	120	132	110	-	-	-	-	75-125	-	-	20
Silver, Total	ND	50	51.5	103	-	-	-	-	75-125	-	-	20
Sodium, Total	ND	10000	11000	110	-	-	-	-	75-125	-	-	20
Thallium, Total	ND	120	129	108	-	-	-	-	75-125	-	-	20
Vanadium, Total	ND	500	493	99	-	-	-	-	75-125	-	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803640-4 QC Sample: L1516512-21 Client ID: EB01-071615									
Zinc, Total	ND	500	508	102	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG803647-4 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01									
Aluminum, Total	10000	169	11000	592	Q	-	75-125	-	20
Antimony, Total	ND	42.2	20	47	Q	-	75-125	-	20
Arsenic, Total	7.3	10.1	16	86		-	75-125	-	20
Barium, Total	63.	169	220	93		-	75-125	-	20
Beryllium, Total	0.53	4.22	4.5	94		-	75-125	-	20
Cadmium, Total	ND	4.31	4.4	102		-	75-125	-	20
Calcium, Total	5000	845	5300	36	Q	-	75-125	-	20
Chromium, Total	16.	16.9	32	95		-	75-125	-	20
Cobalt, Total	7.8	42.2	46	90		-	75-125	-	20
Copper, Total	17.	21.1	40	109		-	75-125	-	20
Iron, Total	21000	84.5	19000	0	Q	-	75-125	-	20
Lead, Total	30.	43.1	79	114		-	75-125	-	20
Magnesium, Total	1500	845	2200	83		-	75-125	-	20
Manganese, Total	240	42.2	260	47	Q	-	75-125	-	20
Nickel, Total	12.	42.2	50	90		-	75-125	-	20
Potassium, Total	520	845	1300	92		-	75-125	-	20
Selenium, Total	ND	10.1	9.3	92		-	75-125	-	20
Silver, Total	ND	25.3	25	99		-	75-125	-	20
Sodium, Total	54.J	845	840	99		-	75-125	-	20
Thallium, Total	ND	10.1	8.8	87		-	75-125	-	20
Vanadium, Total	26.	42.2	68	99		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG803647-4 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01									
Zinc, Total	54.	42.2	94	95	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803702-4 QC Sample: L1516238-02 Client ID: MS Sample									
Mercury, Total	ND	5	5.039	101	-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG804030-4 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01									
Mercury, Total	0.13	0.14	0.28	107	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803640-3 QC Sample: L1516512-21 Client ID: EB01-071615						
Aluminum, Total	ND	ND	ug/l	NC		20
Antimony, Total	11.2J	ND	ug/l	NC		20
Arsenic, Total	ND	ND	ug/l	NC		20
Barium, Total	ND	ND	ug/l	NC		20
Beryllium, Total	ND	ND	ug/l	NC		20
Cadmium, Total	ND	ND	ug/l	NC		20
Calcium, Total	110	110	ug/l	0		20
Chromium, Total	2.7J	2.6J	ug/l	NC		20
Cobalt, Total	ND	ND	ug/l	NC		20
Copper, Total	ND	ND	ug/l	NC		20
Iron, Total	470	470	ug/l	0		20
Lead, Total	ND	ND	ug/l	NC		20
Magnesium, Total	19.J	17.J	ug/l	NC		20
Manganese, Total	6.70J	6.40J	ug/l	NC		20
Nickel, Total	ND	ND	ug/l	NC		20
Potassium, Total	ND	ND	ug/l	NC		20
Selenium, Total	ND	ND	ug/l	NC		20
Silver, Total	ND	ND	ug/l	NC		20
Sodium, Total	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803640-3 QC Sample: L1516512-21 Client ID: EB01-071615					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	ND	ND	ug/l	NC	20
Zinc, Total	ND	ND	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG803647-3 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01					
Aluminum, Total	10000	10000	mg/kg	0	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	7.3	7.1	mg/kg	3	20
Barium, Total	63.	62	mg/kg	2	20
Beryllium, Total	0.53	0.52	mg/kg	2	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	5000	4000	mg/kg	22	Q 20
Chromium, Total	16.	16	mg/kg	0	20
Cobalt, Total	7.8	7.9	mg/kg	1	20
Copper, Total	17.	18	mg/kg	6	20
Iron, Total	21000	20000	mg/kg	5	20
Lead, Total	30.	36	mg/kg	18	20
Magnesium, Total	1500	1500	mg/kg	0	20
Manganese, Total	240	240	mg/kg	0	20
Nickel, Total	12.	11	mg/kg	9	20
Potassium, Total	520	530	mg/kg	2	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	54.J	48J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG803647-3 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.	26	mg/kg	0	20
Zinc, Total	54.	54	mg/kg	0	20
Total Metals - Westborough Lab Associated sample(s): 21-22 QC Batch ID: WG803702-3 QC Sample: L1516238-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 01-06,08-20 QC Batch ID: WG804030-3 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01					
Mercury, Total	0.13	0.30	mg/kg	79	Q 20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-01
 Client ID: DP-096-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 07:55
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-02
Client ID: DP-096-SO-010-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/16/15 07:55
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/18/15 01:11	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-03
 Client ID: DP-096-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 08:00
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-04
 Client ID: DP-096-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 08:10
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-05
 Client ID: DP-096-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 08:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-06
 Client ID: DP-096-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 08:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-08
 Client ID: DP-097-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 09:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-09
 Client ID: DP-097-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 09:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-10
 Client ID: DP-097-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 09:30
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-11
 Client ID: DP-097-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 09:40
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-12
 Client ID: DP-098-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 10:55
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-13
Client ID: DP-098-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/16/15 11:10
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-14
 Client ID: DP-098-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 11:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-15
 Client ID: DP-098-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 11:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516512
Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-16
Client ID: DP-098-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/16/15 11:30
Date Received: 07/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-17
 Client ID: DP-099-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 12:10
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-18
 Client ID: DP-099-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 12:15
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-19
 Client ID: DP-099-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 12:20
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516512

Project Number: 40223-002

Report Date: 07/22/15

SAMPLE RESULTS

Lab ID: L1516512-20
 Client ID: DP-099-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/16/15 12:25
 Date Received: 07/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/17/15 15:00	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-06,08-20 QC Batch ID: WG803803-1 QC Sample: L1516512-01 Client ID: DP-096-SO-010-01						
Solids, Total	89.2	89.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG803918-1 QC Sample: L1516383-01 Client ID: DUP Sample						
Solids, Total	96.0	96.3	%	0		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-01A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-01A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-01B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-02A	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),AG-TI(180),HOLD-8260(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-02A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-03A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-03A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-03B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-04A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-04A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-04B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-05A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-05A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-05B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-06A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-06A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-06B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-07A	Vial HCl preserved	A	N/A	4.2	Y	Absent	PA-8260(14)
L1516512-07B	Vial HCl preserved	A	N/A	4.2	Y	Absent	PA-8260(14)
L1516512-08A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-08A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-08B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-09A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-09A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-09B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-10A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-10A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516512

Report Date: 07/22/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-10B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-11A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-11A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-11B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-12A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-12A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-12B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-13A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-13A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-13B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-14A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-14A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-14B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-15A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-15A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-15B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-16A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-16A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-16B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-17A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-17A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-17B	Glass 250ml/8oz unpreserved	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-18A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-18A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-18B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-18C	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-19A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-19A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516512-19B	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-19C	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-20A	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516512-20A9	Vial MeOH preserved split	B	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1516512-20B	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516512-20C	Vial Large Septa unpreserved (4o	B	N/A	3.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516512-21A	Vial HCl preserved	C	N/A	2.6	Y	Absent	PA-8260(14)
L1516512-21B	Vial HCl preserved	C	N/A	2.6	Y	Absent	PA-8260(14)
L1516512-21C	Vial HCl preserved	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1516512-21D	Plastic 250ml HNO3 preserved	C	<2	2.6	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1516512-21E	Amber 1000ml unpreserved	C	7	2.6	Y	Absent	PA-8270(7)
L1516512-21F	Amber 1000ml unpreserved	C	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516512-21G	Amber 1000ml unpreserved	C	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516512-22A	Vial HCl preserved	D	N/A	3.6	Y	Absent	PA-8260(14)
L1516512-22B	Vial HCl preserved	D	N/A	3.6	Y	Absent	PA-8260(14)
L1516512-22C	Vial HCl preserved	D	N/A	3.6	Y	Absent	PA-TPH-GRO(14)
L1516512-22D	Plastic 250ml HNO3 preserved	D	<2	3.6	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1516512-22E	Amber 1000ml unpreserved	D	7	3.6	Y	Absent	PA-8270(7)
L1516512-22F	Amber 1000ml unpreserved	D	7	3.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516512-22G	Amber 1000ml unpreserved	D	7	3.6	Y	Absent	PA-TPH-DROD-C44(7)

Container Comments

L1516512-03A9

L1516512-21D

L1516512-22D

*Values in parentheses indicate holding time in days



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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 12 OF 3

Date Rec'd in Lab: 7/17/15

ALPHA Job #: L1516512

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name:
Project Location:
Project #: 40223-02
Project Manager:
ALPHA Quote #:
Turn-Around Time

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Standard RUSH (only confirmed if pre-approved!)
Date Due: Time:

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
TAL Metals (EPA 8010)
TPH C6 to C44 (EPA 8015)
PAHs (EPA 8270C)

SAMPLE HANDLING
Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments						TOTAL # BOTTLES		
		Date	Time											
16512-11	DP-097-50-200-01	7/16/15	0940	SO	AF	X	X	X						2
12	DP-098-50-010-01		1055			X	X	X						2
13	DP-098-50-050-01		1110			X	X	X						2
14	DP-098-50-100-01		1115			X	X	X						2
15	DP-098-50-200-01		1125			X	X	X						2
16	DP-098-50-300-01		1130			X	X	X						2
17	DP-099-50-010-01		1210			X	X	X						2
18	DP-099-50-050-01		1215			X	X	X						3
19	DP-099-50-100-01		1220			X	X	X						3
20	DP-099-50-200-01		1225			X	X	X						3

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Paul Wilson</u>	<u>7/16/15 1430</u>	<u>Tom Loren</u>	<u>7/16/15 1430</u>
<u>Tom Loren</u>	<u>7/16/15 1750</u>	<u>Paul Wilson</u>	<u>7/16/15 1750</u>
<u>Tom Loren</u>	<u>7/16/15 2010</u>	<u>Tom Loren</u>	<u>7-16-15 2010</u>
<u>Tom Loren</u>	<u>7/17/15 0115</u>	<u>Paul Wilson</u>	<u>7/17/15 0115</u>

CHAIN OF CUSTODY

PAGE 3 OF 3



WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

MANSFIELD, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Project Information

Project Name:
 Project Location:
 Project #: 40223-002
 Project Manager:
 ALPHA Quote #:

Date Rec'd in Lab: 7/16/15

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

ALPHA Job #: L1516572

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
 Address: 5333 Mission Center Rd
San Diego, CA 92108
 Phone: 619-285-7122
 Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: _____ Time: _____

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL METALS (EPA 6010)
TPH C6 TO C4H (EPA 8010)
PAHS (EPA 8270F)
VOCs (EPA 8260B)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL METALS (EPA 6010)	TPH C6 TO C4H (EPA 8010)	PAHS (EPA 8270F)	VOCs (EPA 8260B)		
<u>16512-21</u>	<u>EB01-071615</u>	<u>7/16/15</u>	<u>1350</u>	<u>W</u>	<u>AF</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>7</u>
<u>22</u>	<u>EB02-071615</u>	<u>7/16/15</u>	<u>1430</u>	<u>W</u>	<u>AF</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>7</u>

	Container Type			
	Preservative			

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/16/15 1430</u>	<u>[Signature]</u>	<u>7/16/15 1430</u>
<u>[Signature]</u>	<u>7/16/15 1750</u>	<u>[Signature]</u>	<u>7/16/15 1750</u>
<u>[Signature]</u>	<u>7/16/15 2010</u>	<u>[Signature]</u>	<u>7/16/15 2010</u>
<u>[Signature]</u>	<u>7/16/15 0115</u>	<u>[Signature]</u>	<u>7/16/15 0115</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1516628
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/24/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516628-01	DP-102-SO-010-01	SOIL	Not Specified	07/17/15 08:30	07/17/15
L1516628-02	DP-102-SO-050-01	SOIL	Not Specified	07/17/15 08:35	07/17/15
L1516628-03	DP-102-SO-100-01	SOIL	Not Specified	07/17/15 08:45	07/17/15
L1516628-04	DP-102-SO-200-01	SOIL	Not Specified	07/17/15 09:15	07/17/15
L1516628-05	DP-102-SO-300-01	SOIL	Not Specified	07/17/15 09:40	07/17/15
L1516628-06	DP-103-SO-010-01	SOIL	Not Specified	07/17/15 10:15	07/17/15
L1516628-07	DP-103-SO-050-01	SOIL	Not Specified	07/17/15 10:20	07/17/15
L1516628-08	DP-103-SO-100-01	SOIL	Not Specified	07/17/15 10:55	07/17/15
L1516628-09	DP-103-SO-200-01	SOIL	Not Specified	07/17/15 11:10	07/17/15
L1516628-10	DP-103-SO-300-01	SOIL	Not Specified	07/17/15 11:30	07/17/15
L1516628-11	DP-104-SO-010-01	SOIL	Not Specified	07/17/15 11:20	07/17/15
L1516628-12	DP-104-SO-050-01	SOIL	Not Specified	07/17/15 11:35	07/17/15
L1516628-13	DP-104-SO-100-01	SOIL	Not Specified	07/17/15 12:00	07/17/15
L1516628-14	DP-104-SO-200-01	SOIL	Not Specified	07/17/15 12:05	07/17/15
L1516628-15	DP-104-SO-300-01	SOIL	Not Specified	07/17/15 12:25	07/17/15
L1516628-16	DP-105-SO-010-01	SOIL	Not Specified	07/17/15 12:40	07/17/15
L1516628-17	DP-105-SO-050-01	SOIL	Not Specified	07/17/15 12:50	07/17/15
L1516628-18	DP-105-SO-100-01	SOIL	Not Specified	07/17/15 13:05	07/17/15
L1516628-19	DP-105-SO-200-01	SOIL	Not Specified	07/17/15 13:30	07/17/15
L1516628-20	DP-105-SO-300-01	SOIL	Not Specified	07/17/15 13:50	07/17/15
L1516628-21	DP-106-SO-010-01	SOIL	Not Specified	07/17/15 14:10	07/17/15
L1516628-22	DP-106-SO-050-01	SOIL	Not Specified	07/17/15 14:15	07/17/15
L1516628-23	DP-106-SO-100-01	SOIL	Not Specified	07/17/15 14:25	07/17/15
L1516628-24	DP-106-SO-200-01	SOIL	Not Specified	07/17/15 14:40	07/17/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516628-25	DP-106-SO-300-01	SOIL	Not Specified	07/17/15 14:50	07/17/15
L1516628-26	EB01-071715	WATER	Not Specified	07/17/15 14:30	07/17/15
L1516628-27	EB02-071715	WATER	Not Specified	07/17/15 14:15	07/17/15
L1516628-28	TB-071715	WATER	Not Specified	07/17/15 14:55	07/17/15
L1516628-29	DP-107-SO-010-01	SOIL	Not Specified	07/17/15 15:20	07/17/15
L1516628-30	DP-107-SO-050-01	SOIL	Not Specified	07/17/15 15:25	07/17/15
L1516628-31	DP-107-SO-050-02	SOIL	Not Specified	07/17/15 15:25	07/17/15
L1516628-32	DP-107-SO-100-01	SOIL	Not Specified	07/17/15 15:40	07/17/15
L1516628-33	DP-107-SO-200-01	SOIL	Not Specified	07/17/15 15:45	07/17/15
L1516628-34	DP-107-SO-300-01	SOIL	Not Specified	07/17/15 15:50	07/17/15
L1516628-35	DP-108-SO-010-01	SOIL	Not Specified	07/17/15 15:15	07/17/15
L1516628-36	DP-108-SO-010-02	SOIL	Not Specified	07/17/15 15:15	07/17/15
L1516628-37	DP-108-SO-050-01	SOIL	Not Specified	07/17/15 15:20	07/17/15
L1516628-38	DP-108-SO-100-01	SOIL	Not Specified	07/17/15 15:25	07/17/15
L1516628-39	DP-100-SO-010-01	SOIL	Not Specified	07/17/15 15:40	07/17/15
L1516628-40	DP-100-SO-050-01	SOIL	Not Specified	07/17/15 15:45	07/17/15
L1516628-41	DP-100-SO-100-01	SOIL	Not Specified	07/17/15 15:55	07/17/15
L1516628-42	DP-100-SO-200-01	SOIL	Not Specified	07/17/15 16:00	07/17/15
L1516628-43	DP-101-SO-010-01	SOIL	Not Specified	07/17/15 16:05	07/17/15
L1516628-44	DP-101-SO-050-01	SOIL	Not Specified	07/17/15 16:10	07/17/15
L1516628-45	DP-100-SO-300-01	SOIL	Not Specified	07/17/15 16:15	07/17/15
L1516628-46	DP-101-SO-100-01	SOIL	Not Specified	07/17/15 16:20	07/17/15
L1516628-47	DP-101-SO-200-01	SOIL	Not Specified	07/17/15 16:30	07/17/15
L1516628-48	DP-101-SO-300-01	SOIL	Not Specified	07/17/15 16:40	07/17/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Case Narrative (continued)

Report Submission

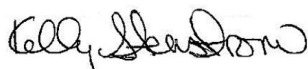
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Gasoline Range Organics

The WG805023-5 MS recovery (75%), performed on L1516628-01, is outside the acceptance criteria; however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/24/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-26
Client ID: EB01-071715
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/19/15 16:35
Analyst: PD

Date Collected: 07/17/15 14:30
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-26

Date Collected: 07/17/15 14:30

Client ID: EB01-071715

Date Received: 07/17/15

Sample Location: Not Specified

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	0.26	J	ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	0.36	J	ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-27
Client ID: EB02-071715
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/19/15 17:03
Analyst: PD

Date Collected: 07/17/15 14:15
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-27
Client ID: EB02-071715
Sample Location: Not Specified

Date Collected: 07/17/15 14:15
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	0.23	J	ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	0.30	J	ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	82		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-28
Client ID: TB-071715
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/19/15 17:31
Analyst: PD

Date Collected: 07/17/15 14:55
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	4.5	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-28
Client ID: TB-071715
Sample Location: Not Specified

Date Collected: 07/17/15 14:55
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/19/15 16:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28 Batch: WG804106-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/19/15 16:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28 Batch: WG804106-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	0.30	J	ug/l	2.5	0.22
Naphthalene	0.52	J	ug/l	2.5	0.22
1,2,3-Trichlorobenzene	0.45	J	ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/19/15 16:07
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-28 Batch: WG804106-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28 Batch: WG804106-1 WG804106-2								
Dichlorodifluoromethane	90		89		36-147	1		20
Chloromethane	65		65		64-130	0		20
Vinyl chloride	63		61		55-140	3		20
Bromomethane	57		59		39-139	3		20
Chloroethane	50	Q	48	Q	55-138	4		20
Trichlorofluoromethane	74		71		62-150	4		20
1,1-Dichloroethene	100		99		61-145	1		20
Carbon disulfide	88		87		51-130	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	100		98		70-130	2		20
Methylene chloride	104		102		70-130	2		20
Acetone	84		82		58-148	2		20
trans-1,2-Dichloroethene	105		101		70-130	4		20
Methyl Acetate	87		85		70-130	2		20
Methyl tert butyl ether	112		112		63-130	0		20
1,1-Dichloroethane	92		88		70-130	4		20
cis-1,2-Dichloroethene	105		103		70-130	2		20
Cyclohexane	88		84		70-130	5		20
Bromochloromethane	122		118		70-130	3		20
Chloroform	96		94		70-130	2		20
Carbon tetrachloride	108		104		63-132	4		20
1,1,1-Trichloroethane	100		97		67-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28 Batch: WG804106-1 WG804106-2								
2-Butanone	82		81		63-138	1		20
Benzene	96		94		70-130	2		20
1,2-Dichloroethane	82		82		70-130	0		20
Methyl cyclohexane	102		97		70-130	5		20
Trichloroethene	101		99		70-130	2		20
1,2-Dichloropropane	91		89		70-130	2		20
Bromodichloromethane	96		95		67-130	1		20
1,4-Dioxane	146		139		56-162	5		20
cis-1,3-Dichloropropene	100		99		70-130	1		20
Toluene	96		91		70-130	5		20
Tetrachloroethene	108		105		70-130	3		20
4-Methyl-2-pentanone	99		99		59-130	0		20
trans-1,3-Dichloropropene	94		91		70-130	3		20
1,1,2-Trichloroethane	97		94		70-130	3		20
Dibromochloromethane	113		111		63-130	2		20
1,2-Dibromoethane	109		106		70-130	3		20
2-Hexanone	77		77		57-130	0		20
Chlorobenzene	100		96		75-130	4		20
Ethylbenzene	91		87		70-130	4		20
p/m-Xylene	96		92		70-130	4		20
o-Xylene	95		91		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-28 Batch: WG804106-1 WG804106-2								
Styrene	93		90		70-130	3		20
Bromoform	107		106		54-136	1		20
Isopropylbenzene	90		88		70-130	2		20
1,1,2,2-Tetrachloroethane	94		93		67-130	1		20
1,3,5-Trimethylbenzene	88		85		64-130	3		20
1,2,4-Trimethylbenzene	88		86		70-130	2		20
1,3-Dichlorobenzene	94		93		70-130	1		20
1,4-Dichlorobenzene	93		91		70-130	2		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,2-Dibromo-3-chloropropane	78		79		41-144	1		20
1,2,4-Trichlorobenzene	101		99		70-130	2		20
Naphthalene	117		116		70-130	1		20
1,2,3-Trichlorobenzene	108		107		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		84		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	105		105		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-01
 Client ID: DP-102-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 14:37
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/17/15 08:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.034	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.14		mg/kg	0.11	0.036	1
Anthracene	0.047	J	mg/kg	0.11	0.030	1
Fluoranthene	0.31		mg/kg	0.11	0.034	1
Pyrene	0.30		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.18		mg/kg	0.11	0.036	1
Chrysene	0.19		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.22		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.080	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.18		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.12	J	mg/kg	0.15	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-02
 Client ID: DP-102-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 19:28
 Analyst: MY
 Percent Solids: 89%

Date Collected: 07/17/15 08:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.066	J	mg/kg	0.18	0.061	1
2-Methylnaphthalene	0.063	J	mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.26		mg/kg	0.15	0.034	1
Acenaphthene	0.22		mg/kg	0.15	0.038	1
Fluorene	0.26		mg/kg	0.18	0.052	1
Phenanthrene	2.3		mg/kg	0.11	0.036	1
Anthracene	0.61		mg/kg	0.11	0.030	1
Fluoranthene	2.9		mg/kg	0.11	0.034	1
Pyrene	2.4		mg/kg	0.11	0.035	1
Benzo(a)anthracene	1.3		mg/kg	0.11	0.036	1
Chrysene	1.3		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	1.2		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	1.0		mg/kg	0.11	0.035	1
Benzo(a)pyrene	1.4		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.89		mg/kg	0.15	0.040	1
Dibenzo(a,h)anthracene	0.29		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	1.1		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-03
Client ID: DP-102-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/23/15 19:53
Analyst: MY
Percent Solids: 87%

Date Collected: 07/17/15 08:45
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.34		mg/kg	0.19	0.063	1
2-Methylnaphthalene	0.18	J	mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.17		mg/kg	0.15	0.035	1
Acenaphthene	0.44		mg/kg	0.15	0.039	1
Fluorene	0.49		mg/kg	0.19	0.054	1
Phenanthrene	3.6		mg/kg	0.11	0.037	1
Anthracene	0.89		mg/kg	0.11	0.032	1
Fluoranthene	3.8		mg/kg	0.11	0.035	1
Pyrene	3.2		mg/kg	0.11	0.037	1
Benzo(a)anthracene	1.5		mg/kg	0.11	0.037	1
Chrysene	1.6		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	1.2		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	1.3		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.5		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.82		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.29		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	1.0		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	53		18-120

Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-04
 Client ID: DP-102-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 11:36
 Analyst: MY
 Percent Solids: 82%

Date Collected: 07/17/15 09:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	105		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-05
 Client ID: DP-102-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 20:18
 Analyst: MY
 Percent Solids: 85%

Date Collected: 07/17/15 09:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-06
Client ID: DP-103-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/23/15 20:43
Analyst: MY
Percent Solids: 90%

Date Collected: 07/17/15 10:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.59		mg/kg	0.18	0.061	1
2-Methylnaphthalene	0.46		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	1.9		mg/kg	0.15	0.035	1
Acenaphthene	0.38		mg/kg	0.15	0.038	1
Fluorene	1.5		mg/kg	0.18	0.053	1
Phenanthrene	9.1	E	mg/kg	0.11	0.036	1
Anthracene	2.4		mg/kg	0.11	0.031	1
Fluoranthene	10.	E	mg/kg	0.11	0.034	1
Pyrene	8.8	E	mg/kg	0.11	0.036	1
Benzo(a)anthracene	5.9		mg/kg	0.11	0.036	1
Chrysene	5.6		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	4.9		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	3.8		mg/kg	0.11	0.035	1
Benzo(a)pyrene	4.9		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	2.7		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	1.1		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	2.6		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	55		18-120

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-06 D

Date Collected: 07/17/15 10:15

Client ID: DP-103-SO-010-01

Date Received: 07/17/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method:EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/20/15 09:27

Analytical Date: 07/24/15 14:11

Analyst: MY

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Phenanthrene	11.		mg/kg	0.56	0.18	5
Fluoranthene	13.		mg/kg	0.56	0.17	5
Pyrene	11.		mg/kg	0.56	0.18	5

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-07
 Client ID: DP-103-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 21:08
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/17/15 10:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.068	J	mg/kg	0.15	0.034	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.17		mg/kg	0.11	0.036	1
Anthracene	0.046	J	mg/kg	0.11	0.030	1
Fluoranthene	0.22		mg/kg	0.11	0.034	1
Pyrene	0.19		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.12		mg/kg	0.11	0.036	1
Chrysene	0.12		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.089	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.097	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.11	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.058	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.060	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-08
 Client ID: DP-103-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 21:34
 Analyst: MY
 Percent Solids: 81%

Date Collected: 07/17/15 10:55
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.039	J	mg/kg	0.12	0.037	1
Pyrene	0.042	J	mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-09
 Client ID: DP-103-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 21:59
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/17/15 11:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-10
 Client ID: DP-103-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 22:24
 Analyst: MY
 Percent Solids: 84%

Date Collected: 07/17/15 11:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-26
 Client ID: EB01-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 03:02
 Analyst: PS

Date Collected: 07/17/15 14:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/21/15 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		15-120
4-Terphenyl-d14	62		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-27
 Client ID: EB02-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 03:27
 Analyst: PS

Date Collected: 07/17/15 14:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/21/15 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	83		15-120
4-Terphenyl-d14	83		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-29
Client ID: DP-107-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/23/15 22:49
Analyst: MY
Percent Solids: 91%

Date Collected: 07/17/15 15:20
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	0.036	J	mg/kg	0.14	0.034	1
Acenaphthene	0.039	J	mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	0.34		mg/kg	0.11	0.035	1
Anthracene	0.099	J	mg/kg	0.11	0.030	1
Fluoranthene	0.62		mg/kg	0.11	0.033	1
Pyrene	0.53		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.33		mg/kg	0.11	0.035	1
Chrysene	0.33		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.31		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.28		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.34		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.18		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.066	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.19		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-30
 Client ID: DP-107-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 23:15
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.19		mg/kg	0.11	0.036	1
Anthracene	0.042	J	mg/kg	0.11	0.031	1
Fluoranthene	0.22		mg/kg	0.11	0.034	1
Pyrene	0.19		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.097	J	mg/kg	0.11	0.036	1
Chrysene	0.10	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.078	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.083	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.096	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.053	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.064	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	61		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-31
 Client ID: DP-107-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/23/15 23:40
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.034	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.17		mg/kg	0.11	0.036	1
Anthracene	0.039	J	mg/kg	0.11	0.030	1
Fluoranthene	0.25		mg/kg	0.11	0.034	1
Pyrene	0.22		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.12		mg/kg	0.11	0.036	1
Chrysene	0.13		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.10	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.12	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.065	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.084	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-32
Client ID: DP-107-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 00:05
Analyst: MY
Percent Solids: 83%

Date Collected: 07/17/15 15:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	0.062	J	mg/kg	0.16	0.037	1
Acenaphthene	0.071	J	mg/kg	0.16	0.041	1
Fluorene	0.083	J	mg/kg	0.20	0.057	1
Phenanthrene	0.87		mg/kg	0.12	0.039	1
Anthracene	0.19		mg/kg	0.12	0.033	1
Fluoranthene	0.99		mg/kg	0.12	0.037	1
Pyrene	0.85		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.44		mg/kg	0.12	0.039	1
Chrysene	0.47		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.38		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.33		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.44		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.23		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.082	J	mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.28		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-33
Client ID: DP-107-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 00:30
Analyst: MY
Percent Solids: 80%

Date Collected: 07/17/15 15:45
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-34
Client ID: DP-107-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 15:03
Analyst: MY
Percent Solids: 86%

Date Collected: 07/17/15 15:50
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	ND		mg/kg	0.12	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-35
 Client ID: DP-108-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 01:21
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/17/15 15:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Naphthalene	0.063	J	mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	0.16		mg/kg	0.14	0.033	1
Acenaphthene	0.19		mg/kg	0.14	0.037	1
Fluorene	0.17	J	mg/kg	0.18	0.051	1
Phenanthrene	2.4		mg/kg	0.11	0.035	1
Anthracene	0.77		mg/kg	0.11	0.030	1
Fluoranthene	4.2		mg/kg	0.11	0.033	1
Pyrene	3.5		mg/kg	0.11	0.035	1
Benzo(a)anthracene	2.3		mg/kg	0.11	0.035	1
Chrysene	2.1		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	1.8		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	1.8		mg/kg	0.11	0.034	1
Benzo(a)pyrene	2.1		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	1.1		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.48		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	1.2		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	67		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-36
Client ID: DP-108-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 01:46
Analyst: MY
Percent Solids: 94%

Date Collected: 07/17/15 15:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.17	0.058	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.055	1
2-Chloronaphthalene	ND		mg/kg	0.17	0.056	1
Acenaphthylene	0.041	J	mg/kg	0.14	0.032	1
Acenaphthene	ND		mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.17	0.050	1
Phenanthrene	0.11		mg/kg	0.10	0.034	1
Anthracene	0.067	J	mg/kg	0.10	0.029	1
Fluoranthene	0.26		mg/kg	0.10	0.032	1
Pyrene	0.25		mg/kg	0.10	0.034	1
Benzo(a)anthracene	0.16		mg/kg	0.10	0.034	1
Chrysene	0.24		mg/kg	0.10	0.034	1
Benzo(b)fluoranthene	0.24		mg/kg	0.10	0.035	1
Benzo(k)fluoranthene	0.16		mg/kg	0.10	0.033	1
Benzo(a)pyrene	0.18		mg/kg	0.14	0.042	1
Indeno(1,2,3-cd)pyrene	0.12	J	mg/kg	0.14	0.038	1
Dibenzo(a,h)anthracene	0.048	J	mg/kg	0.10	0.034	1
Benzo(ghi)perylene	0.14		mg/kg	0.14	0.036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	55		18-120

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-37
Client ID: DP-108-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 02:12
Analyst: MY
Percent Solids: 92%

Date Collected: 07/17/15 15:20
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	0.043	J	mg/kg	0.14	0.033	1
Acenaphthene	0.057	J	mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	0.66		mg/kg	0.11	0.035	1
Anthracene	0.16		mg/kg	0.11	0.030	1
Fluoranthene	0.93		mg/kg	0.11	0.033	1
Pyrene	0.81		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.50		mg/kg	0.11	0.035	1
Chrysene	0.51		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.40		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.40		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.46		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.24		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.099	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.28		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-38
 Client ID: DP-108-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 02:37
 Analyst: MY
 Percent Solids: 86%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.076	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.14		mg/kg	0.11	0.035	1
Pyrene	0.12		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.083	J	mg/kg	0.11	0.037	1
Chrysene	0.086	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.072	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.066	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.080	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.042	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.043	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-43
Client ID: DP-101-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/24/15 02:20
Analyst: PS
Percent Solids: 94%

Date Collected: 07/17/15 16:05
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.058	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.056	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.057	1
Acenaphthylene	ND		mg/kg	0.14	0.033	1
Acenaphthene	ND		mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.18	0.050	1
Phenanthrene	0.13		mg/kg	0.10	0.034	1
Anthracene	0.039	J	mg/kg	0.10	0.029	1
Fluoranthene	0.22		mg/kg	0.10	0.032	1
Pyrene	0.21		mg/kg	0.10	0.034	1
Benzo(a)anthracene	0.12		mg/kg	0.10	0.034	1
Chrysene	0.16		mg/kg	0.10	0.034	1
Benzo(b)fluoranthene	0.17		mg/kg	0.10	0.035	1
Benzo(k)fluoranthene	0.061	J	mg/kg	0.10	0.033	1
Benzo(a)pyrene	0.12	J	mg/kg	0.14	0.043	1
Indeno(1,2,3-cd)pyrene	0.086	J	mg/kg	0.14	0.039	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.034	1
Benzo(ghi)perylene	0.098	J	mg/kg	0.14	0.036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-44
 Client ID: DP-101-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 02:46
 Analyst: PS
 Percent Solids: 92%

Date Collected: 07/17/15 16:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.20		mg/kg	0.18	0.059	1
2-Methylnaphthalene	0.20	J	mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	0.37		mg/kg	0.14	0.033	1
Acenaphthene	0.42		mg/kg	0.14	0.037	1
Fluorene	0.43		mg/kg	0.18	0.051	1
Phenanthrene	3.9		mg/kg	0.11	0.035	1
Anthracene	1.1		mg/kg	0.11	0.030	1
Fluoranthene	4.4		mg/kg	0.11	0.033	1
Pyrene	3.8		mg/kg	0.11	0.035	1
Benzo(a)anthracene	2.0		mg/kg	0.11	0.035	1
Chrysene	2.1		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	2.5		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.87		mg/kg	0.11	0.034	1
Benzo(a)pyrene	2.0		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	1.5		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.33		mg/kg	0.11	0.034	1
Benzo(ghi)perylene	1.6		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-46
 Client ID: DP-101-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 03:12
 Analyst: PS
 Percent Solids: 88%

Date Collected: 07/17/15 16:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.19	0.053	1
Phenanthrene	ND		mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	ND		mg/kg	0.11	0.034	1
Pyrene	ND		mg/kg	0.11	0.036	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.036	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-47
 Client ID: DP-101-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 03:39
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/17/15 16:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-48
 Client ID: DP-101-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 04:05
 Analyst: PS
 Percent Solids: 86%

Date Collected: 07/17/15 16:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 17:48
Analyst: MY

Extraction Method: EPA 3546
Extraction Date: 07/20/15 09:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,29-38 Batch: WG804193-1					
Naphthalene	ND		mg/kg	0.16	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.099	0.032
Anthracene	ND		mg/kg	0.099	0.027
Fluoranthene	ND		mg/kg	0.099	0.030
Pyrene	ND		mg/kg	0.099	0.032
Benzo(a)anthracene	ND		mg/kg	0.099	0.032
Chrysene	ND		mg/kg	0.099	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.099	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.099	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	100		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 21:03
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/21/15 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 26-27 Batch: WG804417-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	72		15-120
4-Terphenyl-d14	76		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 22:22
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 43-44,46-48 Batch: WG804738-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,29-38 Batch: WG804193-2 WG804193-3								
Naphthalene	85		79		40-140	7		50
2-Methylnaphthalene	88		81		40-140	8		50
2-Chloronaphthalene	92		85		40-140	8		50
Acenaphthylene	98		88		40-140	11		50
Acenaphthene	88		82		31-137	7		50
Fluorene	92		83		40-140	10		50
Phenanthrene	88		79		40-140	11		50
Anthracene	94		84		40-140	11		50
Fluoranthene	98		88		40-140	11		50
Pyrene	95		86		35-142	10		50
Benzo(a)anthracene	97		88		40-140	10		50
Chrysene	92		83		40-140	10		50
Benzo(b)fluoranthene	99		88		40-140	12		50
Benzo(k)fluoranthene	92		84		40-140	9		50
Benzo(a)pyrene	100		91		40-140	9		50
Indeno(1,2,3-cd)pyrene	100		90		40-140	11		50
Dibenzo(a,h)anthracene	98		88		40-140	11		50
Benzo(ghi)perylene	98		87		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,29-38 Batch: WG804193-2 WG804193-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	103		95		23-120
2-Fluorobiphenyl	94		87		30-120
4-Terphenyl-d14	99		91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG804417-2 WG804417-3								
Naphthalene	69		51		40-140	30		30
2-Methylnaphthalene	72		55		40-140	27		30
2-Chloronaphthalene	74		58		40-140	24		30
Acenaphthylene	77		62		45-123	22		30
Acenaphthene	76		61		37-111	22		30
Fluorene	79		65		40-140	19		30
Phenanthrene	76		64		40-140	17		30
Anthracene	82		67		40-140	20		30
Fluoranthene	79		67		40-140	16		30
Pyrene	79		65		26-127	19		30
Benzo(a)anthracene	78		65		40-140	18		30
Chrysene	76		63		40-140	19		30
Benzo(b)fluoranthene	76		65		40-140	16		30
Benzo(k)fluoranthene	77		63		40-140	20		30
Benzo(a)pyrene	76		63		40-140	19		30
Indeno(1,2,3-cd)Pyrene	78		65		40-140	18		30
Dibenzo(a,h)anthracene	76		63		40-140	19		30
Benzo(ghi)perylene	75		62		40-140	19		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG804417-2 WG804417-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	78		59		23-120
2-Fluorobiphenyl	77		61		15-120
4-Terphenyl-d14	78		65		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 43-44,46-48 Batch: WG804738-2 WG804738-3								
Naphthalene	75		54		40-140	33		50
2-Methylnaphthalene	78		55		40-140	35		50
2-Chloronaphthalene	78		56		40-140	33		50
Acenaphthylene	81		59		40-140	31		50
Acenaphthene	78		56		31-137	33		50
Fluorene	82		59		40-140	33		50
Phenanthrene	79		60		40-140	27		50
Anthracene	85		66		40-140	25		50
Fluoranthene	81		65		40-140	22		50
Pyrene	81		64		35-142	23		50
Benzo(a)anthracene	79		65		40-140	19		50
Chrysene	77		63		40-140	20		50
Benzo(b)fluoranthene	77		62		40-140	22		50
Benzo(k)fluoranthene	80		65		40-140	21		50
Benzo(a)pyrene	79		65		40-140	19		50
Indeno(1,2,3-cd)pyrene	79		64		40-140	21		50
Dibenzo(a,h)anthracene	76		63		40-140	19		50
Benzo(ghi)perylene	75		62		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 43-44,46-48 Batch: WG804738-2 WG804738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	76		55		23-120
2-Fluorobiphenyl	75		56		30-120
4-Terphenyl-d14	76		63		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-01
 Client ID: DP-102-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 00:57
 Analyst: SR
 Percent Solids: 91%

Date Collected: 07/17/15 08:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	114.		mg/kg	35.9	4.01	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-01
 Client ID: DP-102-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 23:58
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/17/15 08:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-02
 Client ID: DP-102-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 23:09
 Analyst: SR
 Percent Solids: 89%

Date Collected: 07/17/15 08:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	173.		mg/kg	35.9	4.01	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-02
 Client ID: DP-102-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 01:56
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/17/15 08:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-03
 Client ID: DP-102-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 23:45
 Analyst: SR
 Percent Solids: 87%

Date Collected: 07/17/15 08:45
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	305.		mg/kg	36.7	4.10	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-03
 Client ID: DP-102-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 02:35
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/17/15 08:45
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-04
 Client ID: DP-102-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 18:50
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/17/15 09:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.5	4.52	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-04
 Client ID: DP-102-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 03:14
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/17/15 09:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-05
 Client ID: DP-102-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 16:25
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/17/15 09:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-05
Client ID: DP-102-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 03:53
Analyst: BS
Percent Solids: 85%

Date Collected: 07/17/15 09:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-06
 Client ID: DP-103-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 21:58
 Analyst: SR
 Percent Solids: 90%

Date Collected: 07/17/15 10:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	287.		mg/kg	36.3	4.06	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-06
 Client ID: DP-103-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 04:32
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/17/15 10:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-07
 Client ID: DP-103-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 01:33
 Analyst: SR
 Percent Solids: 90%

Date Collected: 07/17/15 10:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	46.2		mg/kg	36.2	4.04	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-07
Client ID: DP-103-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 05:12
Analyst: BS
Percent Solids: 90%

Date Collected: 07/17/15 10:20
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-08
Client ID: DP-103-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 05:51
Analyst: BS
Percent Solids: 81%

Date Collected: 07/17/15 10:55
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-08 D
Client ID: DP-103-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 00:21
Analyst: SR
Percent Solids: 81%

Date Collected: 07/17/15 10:55
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1600		mg/kg	409	45.6	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-09
 Client ID: DP-103-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 20:03
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/17/15 11:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.7	4.32	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-09
 Client ID: DP-103-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 06:30
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/17/15 11:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-10
Client ID: DP-103-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 00:17
Analyst: AR
Percent Solids: 84%

Date Collected: 07/17/15 11:30
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-10
Client ID: DP-103-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 07:09
Analyst: BS
Percent Solids: 84%

Date Collected: 07/17/15 11:30
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-11
 Client ID: DP-104-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 20:46
 Analyst: SR
 Percent Solids: 89%

Date Collected: 07/17/15 11:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	304.		mg/kg	35.7	3.99	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-11
Client ID: DP-104-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 07:49
Analyst: BS
Percent Solids: 89%

Date Collected: 07/17/15 11:20
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-12
 Client ID: DP-104-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 21:22
 Analyst: SR
 Percent Solids: 84%

Date Collected: 07/17/15 11:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	221.		mg/kg	37.4	4.18	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-12
 Client ID: DP-104-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 11:32
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/17/15 11:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-13
 Client ID: DP-104-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 02:09
 Analyst: SR
 Percent Solids: 89%

Date Collected: 07/17/15 12:00
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	27.4	J	mg/kg	36.8	4.11	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-13
 Client ID: DP-104-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 13:30
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/17/15 12:00
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-14
 Client ID: DP-104-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 17:01
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/17/15 12:05
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/19/15 17:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.1	4.48	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-14
 Client ID: DP-104-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 14:10
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/17/15 12:05
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-15
 Client ID: DP-104-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 14:49
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/17/15 12:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-15
 Client ID: DP-104-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:14
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/17/15 12:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-16
 Client ID: DP-105-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 15:29
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/17/15 12:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	112		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-16
 Client ID: DP-105-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:53
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/17/15 12:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	116.		mg/kg	36.1	4.03	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-17
 Client ID: DP-105-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:08
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/17/15 12:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-17
 Client ID: DP-105-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:30
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/17/15 12:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	210.		mg/kg	36.2	4.04	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-18
 Client ID: DP-105-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:41
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/17/15 13:05
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	166.		mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-18 D
Client ID: DP-105-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 20:05
Analyst: BS
Percent Solids: 84%

Date Collected: 07/17/15 13:05
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	130		mg/kg	30	0.57	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-19
 Client ID: DP-105-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:48
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/17/15 13:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-19
 Client ID: DP-105-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:14
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/17/15 13:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-20
Client ID: DP-105-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 17:27
Analyst: BS
Percent Solids: 83%

Date Collected: 07/17/15 13:50
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-20
 Client ID: DP-105-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 09:36
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/17/15 13:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.5	4.41	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-21
 Client ID: DP-106-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 18:06
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/17/15 14:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-21 D
Client ID: DP-106-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 12:06
Analyst: AR
Percent Solids: 90%

Date Collected: 07/17/15 14:10
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	318.		mg/kg	72.0	8.03	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-22
Client ID: DP-106-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 18:46
Analyst: BS
Percent Solids: 90%

Date Collected: 07/17/15 14:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-22
 Client ID: DP-106-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:53
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/17/15 14:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	156.		mg/kg	36.2	4.04	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-23
 Client ID: DP-106-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 19:25
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/17/15 14:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-23
 Client ID: DP-106-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:17
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/17/15 14:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	180.		mg/kg	39.4	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-24
 Client ID: DP-106-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 00:39
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/17/15 14:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-24
 Client ID: DP-106-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:46
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/17/15 14:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-25
Client ID: DP-106-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 02:36
Analyst: BS
Percent Solids: 85%

Date Collected: 07/17/15 14:50
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-25
 Client ID: DP-106-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:09
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/17/15 14:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.7	4.32	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-26
 Client ID: EB01-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 15:12
 Analyst: AR

Date Collected: 07/17/15 14:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/20/15 21:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	122	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-26
 Client ID: EB01-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 23:21
 Analyst: BS

Date Collected: 07/17/15 14:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-27
 Client ID: EB02-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 15:48
 Analyst: AR

Date Collected: 07/17/15 14:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/20/15 21:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	123	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-27
 Client ID: EB02-071715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 00:00
 Analyst: BS

Date Collected: 07/17/15 14:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-29
Client ID: DP-107-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 03:16
Analyst: BS
Percent Solids: 91%

Date Collected: 07/17/15 15:20
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-29
 Client ID: DP-107-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 09:41
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/17/15 15:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	17.3	J	mg/kg	35.4	3.96	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-30
Client ID: DP-107-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 03:55
Analyst: BS
Percent Solids: 90%

Date Collected: 07/17/15 15:25
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-30
 Client ID: DP-107-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 10:17
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	99.0		mg/kg	37.0	4.13	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-31
 Client ID: DP-107-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 04:34
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-31 D
Client ID: DP-107-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 09:54
Analyst: AR
Percent Solids: 90%

Date Collected: 07/17/15 15:25
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	363.		mg/kg	182	20.3	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-32
 Client ID: DP-107-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 05:13
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/17/15 15:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-32 D
Client ID: DP-107-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 11:30
Analyst: AR
Percent Solids: 83%

Date Collected: 07/17/15 15:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	563.		mg/kg	75.7	8.45	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-33
Client ID: DP-107-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 05:52
Analyst: BS
Percent Solids: 80%

Date Collected: 07/17/15 15:45
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-33
 Client ID: DP-107-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:46
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/17/15 15:45
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.55	J	mg/kg	40.2	4.48	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-34
 Client ID: DP-107-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 06:31
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/17/15 15:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-34
 Client ID: DP-107-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 12:19
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/17/15 15:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.18	J	mg/kg	37.5	4.18	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-35
 Client ID: DP-108-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 07:10
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/17/15 15:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-35 D
Client ID: DP-108-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 12:42
Analyst: AR
Percent Solids: 91%

Date Collected: 07/17/15 15:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	927.		mg/kg	172	19.2	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-36
Client ID: DP-108-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 07:49
Analyst: BS
Percent Solids: 94%

Date Collected: 07/17/15 15:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-36 D
Client ID: DP-108-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 02:42
Analyst: AR
Percent Solids: 94%

Date Collected: 07/17/15 15:15
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1400		mg/kg	355	39.6	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-37
 Client ID: DP-108-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 09:41
 Analyst: AR
 Percent Solids: 92%

Date Collected: 07/17/15 15:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	146.		mg/kg	34.2	3.82	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-37
 Client ID: DP-108-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 11:32
 Analyst: BS
 Percent Solids: 92%

Date Collected: 07/17/15 15:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-38
 Client ID: DP-108-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 12:19
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.63	J	mg/kg	38.2	4.26	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-38
Client ID: DP-108-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 13:30
Analyst: BS
Percent Solids: 86%

Date Collected: 07/17/15 15:25
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-39
 Client ID: DP-100-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 14:10
 Analyst: BS
 Percent Solids: 92%

Date Collected: 07/17/15 15:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-39 D
Client ID: DP-100-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 01:12
Analyst: AR
Percent Solids: 92%

Date Collected: 07/17/15 15:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	793.		mg/kg	171	19.1	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-40
 Client ID: DP-100-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 15:28
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/17/15 15:45
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.76	J	mg/kg	38.9	4.34	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-40
 Client ID: DP-100-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 14:49
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/17/15 15:45
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-41
 Client ID: DP-100-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:05
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/17/15 15:55
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.9	J	mg/kg	38.5	4.30	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-41
Client ID: DP-100-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 15:29
Analyst: BS
Percent Solids: 82%

Date Collected: 07/17/15 15:55
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-42
 Client ID: DP-100-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 19:11
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/17/15 16:00
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.74	J	mg/kg	40.0	4.47	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-42
Client ID: DP-100-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 16:08
Analyst: BS
Percent Solids: 82%

Date Collected: 07/17/15 16:00
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-43
 Client ID: DP-101-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 16:48
 Analyst: BS
 Percent Solids: 94%

Date Collected: 07/17/15 16:05
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.3	0.044	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-43 D

Date Collected: 07/17/15 16:05

Client ID: DP-101-SO-010-01

Date Received: 07/17/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/21/15 17:37

Analytical Date: 07/23/15 01:48

Analyst: AR

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1420		mg/kg	348	38.8	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-44
 Client ID: DP-101-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 17:27
 Analyst: BS
 Percent Solids: 92%

Date Collected: 07/17/15 16:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-44 D
Client ID: DP-101-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 23:23
Analyst: AR
Percent Solids: 92%

Date Collected: 07/17/15 16:10
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	487.		mg/kg	182	20.3	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-45
 Client ID: DP-100-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 19:47
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/17/15 16:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	10.0	J	mg/kg	39.0	4.35	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-45
 Client ID: DP-100-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 18:06
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/17/15 16:15
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-46
 Client ID: DP-101-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 18:46
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/17/15 16:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	1.4	J	mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-46 D

Date Collected: 07/17/15 16:20

Client ID: DP-101-SO-100-01

Date Received: 07/17/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/21/15 17:37

Analytical Date: 07/22/15 23:59

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5460		mg/kg	741	82.7	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-47
 Client ID: DP-101-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 20:59
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/17/15 16:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.05	J	mg/kg	38.1	4.25	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516628**Project Number:** 40223-002**Report Date:** 07/24/15**SAMPLE RESULTS**

Lab ID: L1516628-47
Client ID: DP-101-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 19:25
Analyst: BS
Percent Solids: 83%

Date Collected: 07/17/15 16:30
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-48
 Client ID: DP-101-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 21:35
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/17/15 16:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.11	J	mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-48
 Client ID: DP-101-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 20:04
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/17/15 16:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 17:13
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 07/19/15 17:08

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-14 Batch: WG804088-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.9	3.56

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 09:36
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/20/15 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 15-25,29-30,32-35,37-38 Batch: WG804373-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.0	3.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 13:23
 Analyst: AR

Extraction Method: EPA 3510C
 Extraction Date: 07/20/15 21:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 26-27 Batch: WG804385-1					
Total Petroleum Hydrocarbons (C9-C44)	87.6	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	100		40-140

Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/21/15 23:04
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 07/21/15 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 31,36 Batch: WG804410-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.6	3.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 14:16
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 39-48 Batch: WG804698-1					
Total Petroleum Hydrocarbons (C9-C44)	6.43	J	mg/kg	31.6	3.52

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/21/15 22:40
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-11 Batch: WG805023-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 10:53
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 12-23 Batch: WG805310-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 22:42
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 26-27 Batch: WG805312-3					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 22:42
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 24-25,29-36 Batch: WG805313-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 10:52
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 37-48 Batch: WG805668-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-14 Batch: WG804088-2								
Total Petroleum Hydrocarbons (C9-C44)	85		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	74				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 15-25,29-30,32-35,37-38 Batch: WG804373-2								
Total Petroleum Hydrocarbons (C9-C44)	69		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	75				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 26-27 Batch: WG804385-2								
Total Petroleum Hydrocarbons (C9-C44)	90		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	91				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 31,36 Batch: WG804410-2								
Total Petroleum Hydrocarbons (C9-C44)	75		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	74				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 39-48 Batch: WG804698-2								
Total Petroleum Hydrocarbons (C9-C44)	107		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	93				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-11 Batch: WG805023-1 WG805023-2								
Gasoline Range Organics	91		94		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		104		70-130
4-Bromofluorobenzene	109		109		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 12-23 Batch: WG805310-1 WG805310-2								
Gasoline Range Organics	89		95		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	110		107		70-130
4-Bromofluorobenzene	115		114		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 26-27 Batch: WG805312-1 WG805312-2								
Gasoline Range Organics	92		95		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		105		70-130
4-Bromofluorobenzene	108		111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 24-25,29-36 Batch: WG805313-1 WG805313-2								
Gasoline Range Organics	92		95		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		105		70-130
4-Bromofluorobenzene	108		111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 37-48 Batch: WG805668-1 WG805668-2								
Gasoline Range Organics	93		96		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	105		107		70-130
4-Bromofluorobenzene	109		113		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG805023-5 QC Sample: L1516628-01 Client ID: DP-102-SO-010-01												
Gasoline Range Organics	ND	22	16	75	Q	-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	83				70-130
4-Bromofluorobenzene	93				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 12-23 QC Batch ID: WG805310-5 QC Sample: L1516628-12 Client ID: DP-104-SO-050-01												
Gasoline Range Organics	ND	23.8	20	85		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	98				70-130
4-Bromofluorobenzene	103				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 24-25,29-36 QC Batch ID: WG805313-5 QC Sample: L1516628-24 Client ID: DP-106-SO-200-01												
Gasoline Range Organics	ND	24.6	21	85		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	102				70-130
4-Bromofluorobenzene	105				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 37-48 QC Batch ID: WG805668-5 QC Sample: L1516628-37 Client ID: DP-108-SO-050-01												
Gasoline Range Organics	ND	21.8	18	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	108				70-130
4-Bromofluorobenzene	108				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG804088-3 QC Sample: L1516512-17 Client ID: DUP Sample						

Total Petroleum Hydrocarbons (C9-C44)	215	145	mg/kg	39		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		84		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 15-25,29-30,32-35,37-38 QC Batch ID: WG804373-3 QC Sample: L1516628-15 Client ID: DP-104-SO-300-01						
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Total Petroleum Hydrocarbons (C9-C44)	ND	ND	mg/kg	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		78		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 26-27 QC Batch ID: WG804385-3 QC Sample: L1516628-26 Client ID: EB01-071715					

Total Petroleum Hydrocarbons (C9-C44)	122.J	93.8J	ug/l	NC	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		98		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 31,36 QC Batch ID: WG804410-3 QC Sample: L1516628-36 Client ID: DP-108-SO-010-02					
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Total Petroleum Hydrocarbons (C9-C44)	1400	941	mg/kg	39	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		71		40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 39-48 QC Batch ID: WG804698-3 QC Sample: L1516628-39 Client ID: DP-100-SO-010-01					
Total Petroleum Hydrocarbons (C9-C44)	793	853	mg/kg	7	40

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
o-Terphenyl	85	86	40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG805023-4 QC Sample: L1516628-01 Client ID: DP-102-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		102		70-130
4-Bromofluorobenzene	104		104		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 12-23 QC Batch ID: WG805310-4 QC Sample: L1516628-12 Client ID: DP-104-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		105		70-130
4-Bromofluorobenzene	99		109		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 24-25,29-36 QC Batch ID: WG805313-4 QC Sample: L1516628-24 Client ID: DP-106-SO-200-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93	95	70-130
4-Bromofluorobenzene	96	101	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 37-48 QC Batch ID: WG805668-4 QC Sample: L1516628-37 Client ID: DP-108-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		106		70-130
4-Bromofluorobenzene	106		108		70-130

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-01
 Client ID: DP-102-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:30
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	07/20/15 12:37	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-02
 Client ID: DP-102-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:35
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/20/15 12:37	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-03
 Client ID: DP-102-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:45
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	07/20/15 12:37	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-04
 Client ID: DP-102-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:15
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-05
 Client ID: DP-102-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-06
 Client ID: DP-103-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 10:15
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-07
 Client ID: DP-103-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 10:20
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-08
 Client ID: DP-103-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 10:55
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-09
 Client ID: DP-103-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 11:10
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-10
 Client ID: DP-103-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 11:30
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-11
 Client ID: DP-104-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 11:20
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-12
 Client ID: DP-104-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 11:35
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-13
 Client ID: DP-104-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 12:00
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-14
 Client ID: DP-104-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 12:05
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-15
 Client ID: DP-104-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 12:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-16
 Client ID: DP-105-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 12:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-17
 Client ID: DP-105-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 12:50
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-18
 Client ID: DP-105-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 13:05
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-19
 Client ID: DP-105-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 13:30
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-20
 Client ID: DP-105-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 13:50
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-21
Client ID: DP-106-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 14:10
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-22
 Client ID: DP-106-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 14:15
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-23
 Client ID: DP-106-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 14:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-24
 Client ID: DP-106-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 14:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-25
 Client ID: DP-106-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 14:50
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-29
 Client ID: DP-107-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:20
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-30
 Client ID: DP-107-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-31
 Client ID: DP-107-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-32
 Client ID: DP-107-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-33
 Client ID: DP-107-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:45
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-34
 Client ID: DP-107-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:50
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-35
 Client ID: DP-108-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:15
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-36
Client ID: DP-108-SO-010-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 15:15
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-37
 Client ID: DP-108-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:20
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516628

Project Number: 40223-002

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-38
 Client ID: DP-108-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/20/15 20:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-39
 Client ID: DP-100-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-40
 Client ID: DP-100-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:45
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-41
 Client ID: DP-100-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 15:55
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-42
 Client ID: DP-100-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:00
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-43
 Client ID: DP-101-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:05
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-44
 Client ID: DP-101-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:10
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-45
 Client ID: DP-100-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:15
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-46
 Client ID: DP-101-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:20
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-47
Client ID: DP-101-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 16:30
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516628-48
 Client ID: DP-101-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 16:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG804250-1 QC Sample: L1516628-04 Client ID: DP-102-SO-200-01						
Solids, Total	82.1	83.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG804262-1 QC Sample: L1516608-01 Client ID: DUP Sample						
Solids, Total	77.3	79.3	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 24-25,29-38 QC Batch ID: WG804372-1 QC Sample: L1516628-24 Client ID: DP-106-SO-200-01						
Solids, Total	81.2	82.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 39-48 QC Batch ID: WG804737-1 QC Sample: L1516628-39 Client ID: DP-100-SO-010-01						
Solids, Total	92.4	91.0	%	2		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-01A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-01A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-01B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-02A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-02A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-02B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-03A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-03A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-03B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-04A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-04A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-04B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-05A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-05A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-05B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-06A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-06A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-06B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-07A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-07A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-07B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-08A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-08A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-08B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-09A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-09A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-09B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-10A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-10A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-10B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-11A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-11A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-11B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-12A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-12A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-12B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-13A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-13A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-13B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-14A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-14A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-14B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-15A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-15A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-15B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-16A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-16A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-16B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-17A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-17A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-17B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-18A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-18A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-18B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-19A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-19A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-19B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-20A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-20A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-20B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-21A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-21A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516628-21B	Glass 250ml/8oz unpreserved	C	N/A	2.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-22A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-22A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-22B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-23A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-23A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-23B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-24A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-24A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516628-24B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-25A	Vial Large Septa unpreserved (4o	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-25A9	Vial MeOH preserved split	E	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516628-25B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-26A	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-8260(14)
L1516628-26B	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-8260(14)
L1516628-26C	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-26D	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516628-26E	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516628-26F	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-8270(7)
L1516628-26G	Plastic 250ml HNO3 preserved	D	<2	2.6	Y	Absent	HOLD-METAL(180)
L1516628-27A	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-8260(14)
L1516628-27B	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-8260(14)
L1516628-27C	Vial HCl preserved	D	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1516628-27D	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516628-27E	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-TPH-DROD-C44(7)
L1516628-27F	Amber 1000ml unpreserved	D	7	2.6	Y	Absent	PA-8270(7)
L1516628-27G	Plastic 250ml HNO3 preserved	D	<2	2.6	Y	Absent	HOLD-METAL(180)
L1516628-28A	Vial HCl preserved	B	N/A	3.1	Y	Absent	PA-8260(14)
L1516628-28B	Vial HCl preserved	B	N/A	3.1	Y	Absent	PA-8260(14)
L1516628-29A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-29A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-29B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-30A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-30A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-30B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-31A	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-31A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-32A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-32A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-32B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-33A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-33A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-33B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-34A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-34A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-34B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-35A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-35A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-35B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-36A	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-36A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-37A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-37A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-37B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-38A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-38A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516628-38B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-39A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-39A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-39B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-40A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-40A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-40B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-41A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-41A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-41B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-42A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-42A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-42B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-43A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-43A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-43B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-44A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-44A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-44B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516628

Report Date: 07/24/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516628-45A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-45A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-45B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516628-46A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-46A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-46B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-47A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-47A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-47B	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516628-48A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516628-48A9	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	PA-TPH-GRO(14)
L1516628-48B	Glass 250ml/8oz unpreserved	E	N/A	3.5	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

Container Comments

L1516628-24B

L1516628-25B

L1516628-29B

L1516628-30B

L1516628-32B

L1516628-33B

L1516628-34B

L1516628-35B

L1516628-37B

L1516628-38B

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.
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Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516628
Report Date: 07/24/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 4

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L1516628

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: **HALEY & ALDRICH**

Address: **5333 MISSION CENTER RD.
SAN DIEGO, CA 92108**

Phone: **619-285-7122**

Fax:

Email: **DKENNARD@HALEYALDRICH.COM**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
TPH C6+OC+K (EPA 8161S)
PAHs (EPA 8270C)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis Results										Sample Specific Comments	TOTAL # BOTTLES			
		Date	Time			1	2	3	4	5	6	7	8	9	10					
16628-01	DP-102-50-300-01	07/17/15	8:30	SO	CT	X	X													2
02	DP-102-50-050-01		08:35	SO		X	X													2
03	DP-102-50-100-01		08:45			X	X													2
04	DP-102-50-200-01		09:15			X	X													2
05	DP-102-50-300-01		09:40			X	X													2
06	DP-103-50-010-01		10:15			X	X													2
07	DP-103-50-050-01		10:20			X	X													2
08	DP-103-50-100-01		10:55			X	X													2
09	DP-103-50-200-01		11:10			X	X													2
10	DP-103-50-300-01		11:30			X	X													2

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

[Signature]
7/17/15 15:50
7/18/15
7/18/15 12:35

7/17/15 15:50
7/18/15
7/18/15 12:35

AAL
AAL
AAL
AAL

7/17/15 15:50
7/18/15 20:00
7-18-15 12:35

CHAIN OF CUSTODY

PAGE 2 OF 4

ALPHA
 WESTBORO, MA MANSFIELD, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: _____
 Project Location: _____
 Project #: 40223-002
 Project Manager: _____
 ALPHA Quote #: _____

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #: _____

Client Information

Client: Haley + Aldrich
 Address: 5333 Mission Center Rd.
San Diego, CA 92108
 Phone: 619-285-7122
 Fax: _____
 Email: jkennard@haleyaldrich.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: _____ Time: _____

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TPH C6 to CH4 (EPA 8015)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials												Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time																
16028-11	DP-104-50-010-01	07/17/15	1120	SO	AE	X													2
12	DP-104-50-050-01		1135			X													2
13	DP-104-50-100-01		1200			X													2
14	DP-104-50-200-01		1205			X													2
15	DP-104-50-300-01		1225			X													2
16	DP-105-50-010-01		1240			X													2
17	DP-105-50-050-01		1250			X													2
18	DP-105-50-100-01		13:05			X													2
19	DP-105-50-200-01		1330			X													2
20	DP-105-50-300-01		1350			X													2

Container Type	
Preservative	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/17/15 15:50	<i>[Signature]</i>	7/17/15 15:50
<i>[Signature]</i>	7/17/15	<i>[Signature]</i>	7/17/15 20:00
<i>[Signature]</i>	7/18/15 12:35	<i>[Signature]</i>	7-18-15 12:35



CHAIN OF CUSTODY

PAGE 3 OF 4

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L1516628

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd.
San Diego, CA 92108
Phone: 619-285-7122
Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Billing Information

Same as Client info PO #:

ANALYSIS
TPH C6 TO C14 (EPA 8014)
PAH (EPA 8270c)
VOC (8260 B)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials																
		Date	Time																		
16628-21	DP-106-50-010-01	07/17/15	1410	SO	AF	X														2	
22	DP-106-50-050-01		1415			X															2
23	DP-106-50-100-01		1425			X															2
24	DP-106-50-200-01		1440			X															2
25	DP-106-50-300-01		1450			X															2
26	EB01-071715		14:30	W		X	X	X													7
27	EB02-071715		14:15	W		X	X	X													7
28	TB -071715		14:55	W				X													2
29	DP-107-50-010-01		1520			X	X														2
30	DP-107-50-050-01		1525			X	X														2

Container Type																						
Preservative																						

Relinquished By:	Date/Time	Received By:	Date/Time
<i>ant...</i>	7/17/15 1530	<i>AHL...</i>	7/17/15 1530
<i>WHA</i>	7/18/15	<i>Charles...</i>	7/17/15 2011
<i>...</i>	7/18/15 1235	<i>WHA</i>	7-18-15 1235

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CHAIN OF CUSTODY

PAGE 4 OF 4

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L151 6628

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information | **Report Information - Data Deliverables** | **Billing Information**

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:

Project Name:
Project Location:
Project #:
Project Manager:
ALPHA Quote #:

FAX EMAIL
 ADEX Add'l Deliverables

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirms if pre-approved!)
Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
TPH C6 to C44 (EPA 8015)
PAHs (EPA 8270)

SAMPLE HANDLING

- Filtration _____
- Done
- Not needed
- Lab to do
- Preservation _____
- Lab to do
- (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials													Sample Specific Comments			
		Date	Time																		
628-31	DP-107-50-050-02	7/17/15	1525	SO	AF	X	X														
32	DP-107-50-100-01		1540			X	X														2
33	DP-107-50-200-01		1545			X	X														2
34	DP-107-50-300-01		1550			X	X														2
35	DP-108-50-010-01		1515			X	X														2
36	DP-108-50-010-02		1515			X	X														2
37	DP-108-50-050-01		1520			X	X														2
38	DP-108-50-100-01	↓	1525	↓	↓	X	X														2
	DP-108-50-200-01					X	X														2
	DP-108-50-300-01					X	X														2

Container Type	
Preservative	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/17/15 1550	<i>[Signature]</i>	7/17/15 15:30
<i>[Signature]</i>	7/17/15	<i>[Signature]</i>	7/17/15 2:00
<i>[Signature]</i>	7/18/15 12:35	<i>[Signature]</i>	7-18-15 12:35

CHAIN OF CUSTODY FORM 1 OF 1

Date Rec'd in Lab: **7/17/15** ALPHA Job #: **L1516628**

Project Information		Report Information - Data Deliverables		Billing Information	
Project Name:		<input type="checkbox"/> FAX <input type="checkbox"/> EMAIL		Billing Information	
Project Location:		<input type="checkbox"/> ADEX <input type="checkbox"/> Add'l Deliverables		<input type="checkbox"/> Same as Client info PO #	
Client Information		Regulatory Requirements/Report Limits			
Client: Haley + Aldrich		Spec / Fed Program:		Criteria:	
Address: 5333 MISSION CTR		Project Manager:			
City: San Diego, CA 92108		ALPHA Quote #:			
Phone: 619-285-7122		Turn-Around Time			
Email: dkennard@haleyaldrich.com		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH			
Date Due:		Time:			
Other Project Specific Requirements/Comments/Detection Limits:					

These samples have been previously analyzed by Alpha

SAMPLE HANDLING

Filtration: Done Not needed

Lab to do: Preservation Lab to do

Sample Specific Comments:

ALPHA LAB ID <small>(Lab Use Only)</small>	Sample ID	Collection		Sample Matrix	Sample's initials	X	2
		Date	Time				
16628-39	DP-100-50-10-01	7/16/15	1540	SO	AF	X	2
40	DP-100-50-050-01		1545			X	2
41	DP-100-50-100-01		1555 (CSS)			X	2
42	DP-100-50-200-01		1600			X	2
43	DP-101-50-010-01		1605			X X	2
44	DP-101-50-050-01		1610			X X	2
45	DP-100-50-300-01		1615			X	2
46	DP-101-50-100-01		1620			X X	2
47	DP-101-50-200-01		1630			X X	2
48	DP-101-50-300-01	↓	1640	↓	↓	X X	2

Container Type: _____ Preservative: _____

Requisitioned By:	Date/Time:	Received By:	Date/Time:
<i>J. [Signature]</i>	7/17/15 1550	<i>[Signature]</i>	7/17/15 1550
<i>Chloro Acety</i>	7/17/15 1235	<i>[Signature]</i>	7/17/15 1235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. Please reverse side.

ANALYSIS
TPH CB TOC 4 HEPH 8015
PAHs (EPA 8270C)



ANALYTICAL REPORT

Lab Number:	L1516767
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/27/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516767-01	DP-109-SO-010-01	SOIL	Not Specified	07/20/15 07:40	07/20/15
L1516767-02	DP-109-SO-050-01	SOIL	Not Specified	07/20/15 07:45	07/20/15
L1516767-03	DP-109-SO-100-01	SOIL	Not Specified	07/20/15 07:50	07/20/15
L1516767-04	DP-109-SO-200-01	SOIL	Not Specified	07/20/15 08:00	07/20/15
L1516767-05	DP-109-SO-300-01	SOIL	Not Specified	07/20/15 08:05	07/20/15
L1516767-06	DP-110-SO-010-01	SOIL	Not Specified	07/20/15 08:30	07/20/15
L1516767-07	DP-110-SO-050-01	SOIL	Not Specified	07/20/15 08:35	07/20/15
L1516767-08	DP-110-SO-100-01	SOIL	Not Specified	07/20/15 08:45	07/20/15
L1516767-09	DP-110-SO-200-01	SOIL	Not Specified	07/20/15 08:50	07/20/15
L1516767-10	DP-110-SO-300-01	SOIL	Not Specified	07/20/15 08:55	07/20/15
L1516767-11	DP-111-SO-010-01	SOIL	Not Specified	07/20/15 09:20	07/20/15
L1516767-12	DP-111-SO-050-01	SOIL	Not Specified	07/20/15 09:25	07/20/15
L1516767-13	DP-111-SO-100-01	SOIL	Not Specified	07/20/15 09:30	07/20/15
L1516767-14	DP-111-SO-200-01	SOIL	Not Specified	07/20/15 09:35	07/20/15
L1516767-15	DP-111-SO-300-01	SOIL	Not Specified	07/20/15 09:45	07/20/15
L1516767-16	DP-112-SO-010-01	SOIL	Not Specified	07/20/15 10:15	07/20/15
L1516767-17	DP-112-SO-050-01	SOIL	Not Specified	07/20/15 10:20	07/20/15
L1516767-18	DP-112-SO-100-01	SOIL	Not Specified	07/20/15 10:25	07/20/15
L1516767-19	DP-112-SO-200-01	SOIL	Not Specified	07/20/15 11:15	07/20/15
L1516767-20	DP-112-SO-300-01	SOIL	Not Specified	07/20/15 13:30	07/20/15
L1516767-21	DP-113-SO-010-01	SOIL	Not Specified	07/20/15 11:55	07/20/15
L1516767-22	DP-113-SO-050-01	SOIL	Not Specified	07/20/15 12:00	07/20/15
L1516767-23	DP-113-SO-100-01	SOIL	Not Specified	07/20/15 12:05	07/20/15
L1516767-24	DP-113-SO-200-01	SOIL	Not Specified	07/20/15 12:07	07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516767-25	DP-113-SO-300-01	SOIL	Not Specified	07/20/15 12:10	07/20/15
L1516767-26	DP-114-SO-010-01	SOIL	Not Specified	07/20/15 13:35	07/20/15
L1516767-27	DP-114-SO-050-01	SOIL	Not Specified	07/20/15 13:45	07/20/15
L1516767-28	DP-114-SO-100-01	SOIL	Not Specified	07/20/15 13:50	07/20/15
L1516767-29	DP-114-SO-200-01	SOIL	Not Specified	07/20/15 13:55	07/20/15
L1516767-30	DP-114-SO-300-01	SOIL	Not Specified	07/20/15 14:35	07/20/15
L1516767-31	EB01-072015	WATER	Not Specified	07/20/15 15:00	07/20/15
L1516767-32	TB01-072015	WATER	Not Specified	07/20/15 15:05	07/20/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

A Total Metals container was received for sample "EB01-072015", but not listed on the chain of custody. The analysis was not required per the project manager.

Volatile Organics

L1516767-18: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

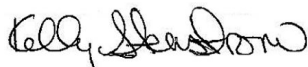
L1516767-06, -11, and -21: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

The WG804705-3 Laboratory Duplicate RPD (66%), performed on L1516767-11, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/27/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-06
 Client ID: DP-110-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 12:12
 Analyst: MV
 Percent Solids: 87%

Date Collected: 07/20/15 08:30
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00014	1
Toluene	0.00057	J	mg/kg	0.0017	0.00022	1
Ethylbenzene	0.00075	J	mg/kg	0.0011	0.00015	1
p/m-Xylene	0.0031		mg/kg	0.0023	0.00023	1
o-Xylene	0.0025		mg/kg	0.0023	0.00020	1
Xylenes, Total	0.0056		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-07
 Client ID: DP-110-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 13:06
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/20/15 08:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00022	1
Xylenes, Total	ND		mg/kg	0.0025	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-08
 Client ID: DP-110-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 13:33
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/20/15 08:45
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-09
 Client ID: DP-110-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 13:59
 Analyst: MV
 Percent Solids: 84%

Date Collected: 07/20/15 08:50
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-10
 Client ID: DP-110-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 14:26
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/20/15 08:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00022	1
Xylenes, Total	ND		mg/kg	0.0025	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-11
 Client ID: DP-111-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 14:53
 Analyst: MV
 Percent Solids: 89%

Date Collected: 07/20/15 09:20
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	113		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-12
 Client ID: DP-111-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 15:20
 Analyst: MV
 Percent Solids: 76%

Date Collected: 07/20/15 09:25
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0013	0.00016	1
Toluene	ND		mg/kg	0.0020	0.00026	1
Ethylbenzene	ND		mg/kg	0.0013	0.00017	1
p/m-Xylene	ND		mg/kg	0.0026	0.00026	1
o-Xylene	ND		mg/kg	0.0026	0.00023	1
Xylenes, Total	ND		mg/kg	0.0026	0.00023	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	113		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-13
 Client ID: DP-111-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 15:47
 Analyst: MV
 Percent Solids: 81%

Date Collected: 07/20/15 09:30
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00024	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	115		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-14
 Client ID: DP-111-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 16:14
 Analyst: MV
 Percent Solids: 83%

Date Collected: 07/20/15 09:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	117		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-15
 Client ID: DP-111-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 16:40
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/20/15 09:45
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	116		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-16
 Client ID: DP-112-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 17:07
 Analyst: MV
 Percent Solids: 88%

Date Collected: 07/20/15 10:15
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	114		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-17
 Client ID: DP-112-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 17:34
 Analyst: MV
 Percent Solids: 85%

Date Collected: 07/20/15 10:20
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	117		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-18 D
 Client ID: DP-112-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 12:39
 Analyst: MV
 Percent Solids: 81%

Date Collected: 07/20/15 10:25
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0031	0.00037	2.5
Toluene	0.0034	J	mg/kg	0.0046	0.00060	2.5
Ethylbenzene	ND		mg/kg	0.0031	0.00040	2.5
p/m-Xylene	ND		mg/kg	0.0062	0.00061	2.5
o-Xylene	ND		mg/kg	0.0062	0.00053	2.5
Xylenes, Total	ND		mg/kg	0.0062	0.00053	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-19
Client ID: DP-112-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/23/15 18:00
Analyst: MV
Percent Solids: 85%

Date Collected: 07/20/15 11:15
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	119		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-20
 Client ID: DP-112-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 18:27
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/20/15 13:30
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	121		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-21
 Client ID: DP-113-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 18:54
 Analyst: MV
 Percent Solids: 93%

Date Collected: 07/20/15 11:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	0.00022	J	mg/kg	0.0022	0.00021	1
o-Xylene	ND		mg/kg	0.0022	0.00018	1
Xylenes, Total	0.00022	J	mg/kg	0.0022	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	77		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-22
 Client ID: DP-113-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 19:20
 Analyst: MV
 Percent Solids: 88%

Date Collected: 07/20/15 12:00
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	118		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-23
 Client ID: DP-113-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 19:47
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/20/15 12:05
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	119		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-24
 Client ID: DP-113-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 20:14
 Analyst: MV
 Percent Solids: 86%

Date Collected: 07/20/15 12:07
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	123		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-25
 Client ID: DP-113-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 20:41
 Analyst: MV
 Percent Solids: 76%

Date Collected: 07/20/15 12:10
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0013	0.00016	1
Toluene	ND		mg/kg	0.0020	0.00026	1
Ethylbenzene	ND		mg/kg	0.0013	0.00017	1
p/m-Xylene	ND		mg/kg	0.0026	0.00026	1
o-Xylene	ND		mg/kg	0.0026	0.00022	1
Xylenes, Total	ND		mg/kg	0.0026	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	78		70-130
Dibromofluoromethane	122		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-26
 Client ID: DP-114-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 17:30
 Analyst: MV
 Percent Solids: 91%

Date Collected: 07/20/15 13:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-27
 Client ID: DP-114-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 10:08
 Analyst: MV
 Percent Solids: 87%

Date Collected: 07/20/15 13:45
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	76		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	89		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-28
 Client ID: DP-114-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 10:34
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/20/15 13:50
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-29
 Client ID: DP-114-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 11:00
 Analyst: MV
 Percent Solids: 83%

Date Collected: 07/20/15 13:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-30
 Client ID: DP-114-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/24/15 15:03
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/20/15 14:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-31
Client ID: EB01-072015
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 13:04
Analyst: PD

Date Collected: 07/20/15 15:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	0.31	J	ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-32
Client ID: TB01-072015
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 13:32
Analyst: PD

Date Collected: 07/20/15 15:05
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-32
Client ID: TB01-072015
Sample Location: Not Specified

Date Collected: 07/20/15 15:05
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 12:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31-32 Batch: WG805124-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 12:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31-32 Batch: WG805124-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/22/15 12:36
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 31-32 Batch: WG805124-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 09:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-29 Batch: WG805354-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	0.00064	J	mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	0.0031	J	mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	0.0015	J	mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 09:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-29 Batch: WG805354-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 09:17
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-29 Batch: WG805354-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	85		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 07/23/15 11:45
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-25 Batch: WG805733-3					
Benzene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	81		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 10:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG805810-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 10:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG805810-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 10:09
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG805810-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31-32 Batch: WG805124-1 WG805124-2								
Dichlorodifluoromethane	74		75		36-147	1		20
Chloromethane	38	Q	60	Q	64-130	45	Q	20
Vinyl chloride	92		97		55-140	5		20
Bromomethane	69		71		39-139	3		20
Chloroethane	93		100		55-138	7		20
Trichlorofluoromethane	144		142		62-150	1		20
1,1-Dichloroethene	112		110		61-145	2		20
Carbon disulfide	105		103		51-130	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		113		70-130	0		20
Methylene chloride	97		98		70-130	1		20
Acetone	115		113		58-148	2		20
trans-1,2-Dichloroethene	107		107		70-130	0		20
Methyl Acetate	126		127		70-130	1		20
Methyl tert butyl ether	99		100		63-130	1		20
1,1-Dichloroethane	120		119		70-130	1		20
cis-1,2-Dichloroethene	107		107		70-130	0		20
Cyclohexane	114		113		70-130	1		20
Bromochloromethane	106		104		70-130	2		20
Chloroform	116		117		70-130	1		20
Carbon tetrachloride	99		97		63-132	2		20
1,1,1-Trichloroethane	105		105		67-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31-32 Batch: WG805124-1 WG805124-2								
2-Butanone	128		127		63-138	1		20
Benzene	109		110		70-130	1		20
1,2-Dichloroethane	107		108		70-130	1		20
Methyl cyclohexane	99		99		70-130	0		20
Trichloroethene	105		104		70-130	1		20
1,2-Dichloropropane	112		111		70-130	1		20
Bromodichloromethane	102		101		67-130	1		20
1,4-Dioxane	110		96		56-162	14		20
cis-1,3-Dichloropropene	90		91		70-130	1		20
Toluene	114		114		70-130	0		20
Tetrachloroethene	98		98		70-130	0		20
4-Methyl-2-pentanone	87		87		59-130	0		20
trans-1,3-Dichloropropene	103		104		70-130	1		20
1,1,2-Trichloroethane	117		118		70-130	1		20
Dibromochloromethane	102		104		63-130	2		20
1,2-Dibromoethane	98		98		70-130	0		20
2-Hexanone	96		95		57-130	1		20
Chlorobenzene	100		102		75-130	2		20
Ethylbenzene	106		106		70-130	0		20
p/m-Xylene	103		103		70-130	0		20
o-Xylene	98		98		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 31-32 Batch: WG805124-1 WG805124-2								
Styrene	100		102		70-130	2		20
Bromoform	95		95		54-136	0		20
Isopropylbenzene	94		93		70-130	1		20
1,1,2,2-Tetrachloroethane	105		104		67-130	1		20
1,3,5-Trimethylbenzene	108		108		64-130	0		20
1,2,4-Trimethylbenzene	101		100		70-130	1		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	100		100		70-130	0		20
1,2-Dichlorobenzene	92		93		70-130	1		20
1,2-Dibromo-3-chloropropane	103		101		41-144	2		20
1,2,4-Trichlorobenzene	106		107		70-130	1		20
Naphthalene	86		86		70-130	0		20
1,2,3-Trichlorobenzene	102		102		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	107		106		70-130
Toluene-d8	118		119		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	111		110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-29 Batch: WG805354-1 WG805354-2								
Dichlorodifluoromethane	81		75		30-146	8		30
Chloromethane	94		89		52-130	5		30
Vinyl chloride	97		92		67-130	5		30
Bromomethane	103		90		57-147	13		30
Chloroethane	105		99		50-151	6		30
Trichlorofluoromethane	95		87		70-139	9		30
1,1-Dichloroethene	101		98		65-135	3		30
Carbon disulfide	63		58	Q	59-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		97		50-139	9		30
Acrolein	70		67		51-130	4		30
Methylene chloride	93		91		70-130	2		30
Acetone	78		80		54-140	3		30
trans-1,2-Dichloroethene	97		94		70-130	3		30
Methyl Acetate	94		90		51-146	4		30
Methyl tert butyl ether	80		79		66-130	1		30
1,1-Dichloroethane	94		91		70-130	3		30
Acrylonitrile	97		95		70-130	2		30
cis-1,2-Dichloroethene	93		91		70-130	2		30
2,2-Dichloropropane	85		82		70-130	4		30
Cyclohexane	106		102		59-142	4		30
Bromochloromethane	93		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-29 Batch: WG805354-1 WG805354-2								
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	86		84		70-130	2		30
1,1,1-Trichloroethane	84		81		70-130	4		30
2-Butanone	85		82		70-130	4		30
1,1-Dichloropropene	88		85		70-130	3		30
Benzene	98		96		70-130	2		30
1,2-Dichloroethane	74		73		70-130	1		30
Methyl cyclohexane	102		98		70-130	4		30
Trichloroethene	94		91		70-130	3		30
1,2-Dichloropropane	93		92		70-130	1		30
Bromodichloromethane	80		80		70-130	0		30
1,4-Dioxane	80		81		65-136	1		30
2-Chloroethylvinyl ether	74		75		70-130	1		30
cis-1,3-Dichloropropene	87		87		70-130	0		30
Toluene	98		96		70-130	2		30
4-Methyl-2-pentanone	73		74		70-130	1		30
Tetrachloroethene	89		86		70-130	3		30
trans-1,3-Dichloropropene	86		85		70-130	1		30
1,1,2-Trichloroethane	95		93		70-130	2		30
Dibromochloromethane	86		86		70-130	0		30
1,3-Dichloropropane	90		89		69-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-29 Batch: WG805354-1 WG805354-2								
1,2-Dibromoethane	89		89		70-130	0		30
2-Hexanone	75		76		70-130	1		30
Chlorobenzene	93		92		70-130	1		30
Ethylbenzene	96		94		70-130	2		30
1,1,1,2-Tetrachloroethane	88		87		70-130	1		30
p/m-Xylene	101		99		70-130	2		30
o-Xylene	97		96		70-130	1		30
Styrene	100		100		70-130	0		30
Bromoform	86		88		70-130	2		30
Isopropylbenzene	95		94		70-130	1		30
Bromobenzene	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	95		96		70-130	1		30
o-Chlorotoluene	97		97		70-130	0		30
1,3,5-Trimethylbenzene	96		96		70-130	0		30
1,2,3-Trichloropropane	90		90		68-130	0		30
p-Chlorotoluene	94		95		70-130	1		30
tert-Butylbenzene	94		94		70-130	0		30
1,2,4-Trimethylbenzene	95		96		70-130	1		30
sec-Butylbenzene	101		100		70-130	1		30
p-Isopropyltoluene	99		99		70-130	0		30
1,3-Dichlorobenzene	95		95		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-29 Batch: WG805354-1 WG805354-2								
1,4-Dichlorobenzene	92		93		70-130	1		30
n-Butylbenzene	103		101		70-130	2		30
1,2-Dichlorobenzene	91		92		70-130	1		30
1,2-Dibromo-3-chloropropane	76		78		68-130	3		30
Hexachlorobutadiene	92		89		67-130	3		30
1,2,4-Trichlorobenzene	91		91		70-130	0		30
Naphthalene	87		87		70-130	0		30
1,2,3-Trichlorobenzene	90		89		70-130	1		30
tert-Butyl Alcohol	74		72		40-160	3		30
Tertiary-Amyl Methyl Ether	80		80		70-130	0		30
Isopropyl Ether	88		87		70-130	1		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	82		79		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	94		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-25 Batch: WG805733-1 WG805733-2								
Benzene	91		93		70-130	2		30
Toluene	92		93		70-130	1		30
Ethylbenzene	91		92		70-130	1		30
p/m-Xylene	95		97		70-130	2		30
o-Xylene	93		94		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		97		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	85		86		70-130
Dibromofluoromethane	104		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG805810-1 WG805810-2								
Dichlorodifluoromethane	126		134		30-146	6		30
Chloromethane	95		102		52-130	7		30
Vinyl chloride	93		98		67-130	5		30
Bromomethane	125		97		57-147	25		30
Chloroethane	118		129		50-151	9		30
Trichlorofluoromethane	151	Q	160	Q	70-139	6		30
1,1-Dichloroethene	119		127		65-135	7		30
Carbon disulfide	92		99		59-130	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	123		127		50-139	3		30
Acrolein	74		81		51-130	9		30
Methylene chloride	101		108		70-130	7		30
Acetone	100		91		54-140	9		30
trans-1,2-Dichloroethene	112		119		70-130	6		30
Methyl Acetate	86		90		51-146	5		30
Methyl tert butyl ether	98		103		66-130	5		30
1,1-Dichloroethane	111		117		70-130	5		30
Acrylonitrile	78		81		70-130	4		30
cis-1,2-Dichloroethene	107		112		70-130	5		30
2,2-Dichloropropane	132	Q	139	Q	70-130	5		30
Cyclohexane	99		103		59-142	4		30
Bromochloromethane	106		109		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG805810-1 WG805810-2								
Chloroform	113		119		70-130	5		30
Carbon tetrachloride	132	Q	139	Q	70-130	5		30
1,1,1-Trichloroethane	122		129		70-130	6		30
2-Butanone	82		86		70-130	5		30
1,1-Dichloropropene	116		122		70-130	5		30
Benzene	110		116		70-130	5		30
1,2-Dichloroethane	107		113		70-130	5		30
Methyl cyclohexane	105		109		70-130	4		30
Trichloroethene	110		115		70-130	4		30
1,2-Dichloropropane	104		110		70-130	6		30
Bromodichloromethane	108		113		70-130	5		30
1,4-Dioxane	74		79		65-136	7		30
2-Chloroethylvinyl ether	110		117		70-130	6		30
cis-1,3-Dichloropropene	108		112		70-130	4		30
Toluene	102		106		70-130	4		30
4-Methyl-2-pentanone	79		83		70-130	5		30
Tetrachloroethene	112		117		70-130	4		30
trans-1,3-Dichloropropene	105		112		70-130	6		30
1,1,2-Trichloroethane	96		100		70-130	4		30
Dibromochloromethane	100		106		70-130	6		30
1,3-Dichloropropane	97		102		69-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG805810-1 WG805810-2								
1,2-Dibromoethane	94		101		70-130	7		30
2-Hexanone	75		78		70-130	4		30
Chlorobenzene	98		104		70-130	6		30
Ethylbenzene	107		113		70-130	5		30
1,1,1,2-Tetrachloroethane	102		109		70-130	7		30
p/m-Xylene	108		113		70-130	5		30
o-Xylene	104		109		70-130	5		30
Styrene	99		106		70-130	7		30
Bromoform	90		95		70-130	5		30
Isopropylbenzene	107		111		70-130	4		30
Bromobenzene	98		101		70-130	3		30
1,1,2,2-Tetrachloroethane	85		89		70-130	5		30
o-Chlorotoluene	106		110		70-130	4		30
1,3,5-Trimethylbenzene	107		110		70-130	3		30
1,2,3-Trichloropropane	89		91		68-130	2		30
p-Chlorotoluene	103		107		70-130	4		30
tert-Butylbenzene	107		111		70-130	4		30
1,2,4-Trimethylbenzene	106		109		70-130	3		30
sec-Butylbenzene	110		114		70-130	4		30
p-Isopropyltoluene	111		114		70-130	3		30
1,3-Dichlorobenzene	100		104		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG805810-1 WG805810-2								
1,4-Dichlorobenzene	99		103		70-130	4		30
n-Butylbenzene	107		111		70-130	4		30
1,2-Dichlorobenzene	97		102		70-130	5		30
1,2-Dibromo-3-chloropropane	82		84		68-130	2		30
Hexachlorobutadiene	115		118		67-130	3		30
1,2,4-Trichlorobenzene	98		102		70-130	4		30
Naphthalene	77		82		70-130	6		30
1,2,3-Trichlorobenzene	93		97		70-130	4		30
tert-Butyl Alcohol	77		84		40-160	9		30
Tertiary-Amyl Methyl Ether	101		107		70-130	6		30
Isopropyl Ether	101		105		70-130	4		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-06 D
 Client ID: DP-110-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 20:42
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/20/15 08:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.19	J	mg/kg	0.38	0.12	2
2-Methylnaphthalene	0.44	J	mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.38	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.070	2
Acenaphthene	0.081	J	mg/kg	0.30	0.078	2
Fluorene	0.15	J	mg/kg	0.38	0.11	2
Phenanthrene	0.58		mg/kg	0.23	0.074	2
Anthracene	0.15	J	mg/kg	0.23	0.063	2
Fluoranthene	0.54		mg/kg	0.23	0.069	2
Pyrene	0.50		mg/kg	0.23	0.073	2
Benzo(a)anthracene	0.26		mg/kg	0.23	0.074	2
Chrysene	0.31		mg/kg	0.23	0.074	2
Benzo(b)fluoranthene	0.22	J	mg/kg	0.23	0.076	2
Benzo(k)fluoranthene	0.22	J	mg/kg	0.23	0.072	2
Benzo(a)pyrene	0.26	J	mg/kg	0.30	0.092	2
Indeno(1,2,3-cd)pyrene	0.14	J	mg/kg	0.30	0.084	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.23	0.073	2
Benzo(ghi)perylene	0.16	J	mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	67		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-07
 Client ID: DP-110-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 21:07
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/20/15 08:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.19		mg/kg	0.12	0.040	1
Anthracene	0.052	J	mg/kg	0.12	0.034	1
Fluoranthene	0.24		mg/kg	0.12	0.037	1
Pyrene	0.20		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.13		mg/kg	0.12	0.040	1
Chrysene	0.12		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.092	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.10	J	mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.11	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.058	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.061	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-08
 Client ID: DP-110-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 21:32
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/20/15 08:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	108		30-120
4-Terphenyl-d14	107		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-09
 Client ID: DP-110-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 21:57
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/20/15 08:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-10
 Client ID: DP-110-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 22:23
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/20/15 08:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.12	0.041	1
Anthracene	ND		mg/kg	0.12	0.035	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.041	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-11 D
 Client ID: DP-111-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 22:48
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/20/15 09:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	0.14	J	mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	ND		mg/kg	0.29	0.068	2
Acenaphthene	ND		mg/kg	0.29	0.076	2
Fluorene	ND		mg/kg	0.37	0.10	2
Phenanthrene	0.15	J	mg/kg	0.22	0.072	2
Anthracene	ND		mg/kg	0.22	0.061	2
Fluoranthene	0.13	J	mg/kg	0.22	0.067	2
Pyrene	0.14	J	mg/kg	0.22	0.071	2
Benzo(a)anthracene	0.096	J	mg/kg	0.22	0.072	2
Chrysene	0.21	J	mg/kg	0.22	0.072	2
Benzo(b)fluoranthene	0.15	J	mg/kg	0.22	0.074	2
Benzo(k)fluoranthene	0.12	J	mg/kg	0.22	0.070	2
Benzo(a)pyrene	0.11	J	mg/kg	0.29	0.090	2
Indeno(1,2,3-cd)pyrene	0.082	J	mg/kg	0.29	0.081	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.22	0.071	2
Benzo(ghi)perylene	0.11	J	mg/kg	0.29	0.076	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-12
 Client ID: DP-111-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 23:13
 Analyst: PS
 Percent Solids: 76%

Date Collected: 07/20/15 09:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.072	1
2-Methylnaphthalene	ND		mg/kg	0.26	0.070	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.071	1
Acenaphthylene	0.045	J	mg/kg	0.17	0.041	1
Acenaphthene	ND		mg/kg	0.17	0.045	1
Fluorene	0.073	J	mg/kg	0.22	0.062	1
Phenanthrene	0.54		mg/kg	0.13	0.042	1
Anthracene	0.14		mg/kg	0.13	0.036	1
Fluoranthene	0.51		mg/kg	0.13	0.040	1
Pyrene	0.39		mg/kg	0.13	0.042	1
Benzo(a)anthracene	0.24		mg/kg	0.13	0.043	1
Chrysene	0.21		mg/kg	0.13	0.043	1
Benzo(b)fluoranthene	0.15		mg/kg	0.13	0.044	1
Benzo(k)fluoranthene	0.14		mg/kg	0.13	0.042	1
Benzo(a)pyrene	0.17		mg/kg	0.17	0.053	1
Indeno(1,2,3-cd)pyrene	0.082	J	mg/kg	0.17	0.048	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.042	1
Benzo(ghi)perylene	0.075	J	mg/kg	0.17	0.045	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-13
 Client ID: DP-111-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 23:38
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/20/15 09:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.062	J	mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.17		mg/kg	0.12	0.038	1
Pyrene	0.14		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.11	J	mg/kg	0.12	0.040	1
Chrysene	0.10	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.079	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.089	J	mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.094	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.045	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.045	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-14
 Client ID: DP-111-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 00:04
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/20/15 09:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	104		30-120
4-Terphenyl-d14	107		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-15
 Client ID: DP-111-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 00:29
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/20/15 09:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.043	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-16
Client ID: DP-112-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/25/15 00:54
Analyst: PS
Percent Solids: 88%

Date Collected: 07/20/15 10:15
Date Received: 07/20/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	0.064	J	mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.33		mg/kg	0.11	0.037	1
Anthracene	0.15		mg/kg	0.11	0.031	1
Fluoranthene	1.0		mg/kg	0.11	0.034	1
Pyrene	0.85		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.54		mg/kg	0.11	0.037	1
Chrysene	0.54		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.38		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.34		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.39		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.20		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.083	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.21		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	59		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-17
 Client ID: DP-112-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 01:19
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/20/15 10:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.054	J	mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.12		mg/kg	0.11	0.037	1
Anthracene	0.054	J	mg/kg	0.11	0.032	1
Fluoranthene	0.23		mg/kg	0.11	0.035	1
Pyrene	0.21		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.15		mg/kg	0.11	0.037	1
Chrysene	0.15		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	0.15		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.14		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.18		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.11	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-18
 Client ID: DP-112-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 01:44
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/20/15 10:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.24		mg/kg	0.12	0.039	1
Anthracene	0.072	J	mg/kg	0.12	0.034	1
Fluoranthene	0.37		mg/kg	0.12	0.037	1
Pyrene	0.31		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.20		mg/kg	0.12	0.040	1
Chrysene	0.20		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.16		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.15		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.20		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.10	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.10	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-19
 Client ID: DP-112-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 17:04
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/20/15 11:15
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	94		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-20
 Client ID: DP-112-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 17:30
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/20/15 13:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 19:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	75		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-21 D
 Client ID: DP-113-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 02:09
 Analyst: PS
 Percent Solids: 93%

Date Collected: 07/20/15 11:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.36	0.12	2
2-Methylnaphthalene	0.13	J	mg/kg	0.43	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.36	0.12	2
Acenaphthylene	ND		mg/kg	0.28	0.066	2
Acenaphthene	ND		mg/kg	0.28	0.073	2
Fluorene	ND		mg/kg	0.36	0.10	2
Phenanthrene	0.13	J	mg/kg	0.21	0.069	2
Anthracene	ND		mg/kg	0.21	0.059	2
Fluoranthene	0.11	J	mg/kg	0.21	0.065	2
Pyrene	0.12	J	mg/kg	0.21	0.069	2
Benzo(a)anthracene	ND		mg/kg	0.21	0.070	2
Chrysene	0.14	J	mg/kg	0.21	0.070	2
Benzo(b)fluoranthene	0.083	J	mg/kg	0.21	0.072	2
Benzo(k)fluoranthene	ND		mg/kg	0.21	0.068	2
Benzo(a)pyrene	ND		mg/kg	0.28	0.087	2
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.28	0.079	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.21	0.069	2
Benzo(ghi)perylene	ND		mg/kg	0.28	0.074	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-22
 Client ID: DP-113-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 02:34
 Analyst: PS
 Percent Solids: 88%

Date Collected: 07/20/15 12:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	0.053	J	mg/kg	0.15	0.039	1
Fluorene	0.096	J	mg/kg	0.19	0.054	1
Phenanthrene	1.8		mg/kg	0.11	0.037	1
Anthracene	0.44		mg/kg	0.11	0.031	1
Fluoranthene	3.3		mg/kg	0.11	0.034	1
Pyrene	2.4		mg/kg	0.11	0.036	1
Benzo(a)anthracene	1.4		mg/kg	0.11	0.037	1
Chrysene	1.3		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	1.3		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.93		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.2		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.70		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.26		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.73		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-23
 Client ID: DP-113-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 03:00
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/20/15 12:05
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-24
 Client ID: DP-113-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 03:25
 Analyst: PS
 Percent Solids: 86%

Date Collected: 07/20/15 12:07
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	71		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-25
 Client ID: DP-113-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 03:50
 Analyst: PS
 Percent Solids: 76%

Date Collected: 07/20/15 12:10
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.072	1
2-Methylnaphthalene	ND		mg/kg	0.26	0.070	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.071	1
Acenaphthylene	ND		mg/kg	0.17	0.041	1
Acenaphthene	ND		mg/kg	0.17	0.045	1
Fluorene	ND		mg/kg	0.22	0.062	1
Phenanthrene	ND		mg/kg	0.13	0.043	1
Anthracene	ND		mg/kg	0.13	0.036	1
Fluoranthene	ND		mg/kg	0.13	0.040	1
Pyrene	ND		mg/kg	0.13	0.042	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.043	1
Chrysene	ND		mg/kg	0.13	0.043	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.044	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.042	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.053	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.048	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.042	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.045	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-26 D
 Client ID: DP-114-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 15:40
 Analyst: PS
 Percent Solids: 91%

Date Collected: 07/20/15 13:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12	J	mg/kg	0.36	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.36	0.12	2
Acenaphthylene	0.19	J	mg/kg	0.29	0.068	2
Acenaphthene	0.64		mg/kg	0.29	0.075	2
Fluorene	0.70		mg/kg	0.36	0.10	2
Phenanthrene	8.0		mg/kg	0.22	0.071	2
Anthracene	2.7		mg/kg	0.22	0.060	2
Fluoranthene	10.		mg/kg	0.22	0.066	2
Pyrene	8.3		mg/kg	0.22	0.070	2
Benzo(a)anthracene	4.9		mg/kg	0.22	0.071	2
Chrysene	4.3		mg/kg	0.22	0.071	2
Benzo(b)fluoranthene	3.7		mg/kg	0.22	0.073	2
Benzo(k)fluoranthene	3.3		mg/kg	0.22	0.069	2
Benzo(a)pyrene	4.2		mg/kg	0.29	0.089	2
Indeno(1,2,3-cd)pyrene	2.3		mg/kg	0.29	0.080	2
Dibenzo(a,h)anthracene	0.91		mg/kg	0.22	0.070	2
Benzo(ghi)perylene	2.2		mg/kg	0.29	0.075	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-27
 Client ID: DP-114-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 04:41
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/20/15 13:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.051	J	mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.066	J	mg/kg	0.11	0.034	1
Pyrene	0.055	J	mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.041	J	mg/kg	0.11	0.036	1
Chrysene	0.042	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.040	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.035	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.047	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	66		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-28
 Client ID: DP-114-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 05:06
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/20/15 13:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.14		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.26		mg/kg	0.12	0.036	1
Pyrene	0.22		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.14		mg/kg	0.12	0.038	1
Chrysene	0.14		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.11	J	mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.12		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.13	J	mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.061	J	mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.064	J	mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-29
 Client ID: DP-114-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 19:52
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/20/15 13:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-30
 Client ID: DP-114-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 20:17
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/20/15 14:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-31
 Client ID: EB01-072015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 15:52
 Analyst: PS

Date Collected: 07/20/15 15:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/22/15 05:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	93		15-120
4-Terphenyl-d14	99		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 22:22
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/21/15 19:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-20 Batch: WG804738-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/24/15 16:20
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/21/15 22:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-30 Batch: WG804768-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	75		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/24/15 14:36
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/22/15 05:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 31 Batch: WG804857-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	88		15-120
4-Terphenyl-d14	90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-20 Batch: WG804738-2 WG804738-3								
Naphthalene	75		54		40-140	33		50
2-Methylnaphthalene	78		55		40-140	35		50
2-Chloronaphthalene	78		56		40-140	33		50
Acenaphthylene	81		59		40-140	31		50
Acenaphthene	78		56		31-137	33		50
Fluorene	82		59		40-140	33		50
Phenanthrene	79		60		40-140	27		50
Anthracene	85		66		40-140	25		50
Fluoranthene	81		65		40-140	22		50
Pyrene	81		64		35-142	23		50
Benzo(a)anthracene	79		65		40-140	19		50
Chrysene	77		63		40-140	20		50
Benzo(b)fluoranthene	77		62		40-140	22		50
Benzo(k)fluoranthene	80		65		40-140	21		50
Benzo(a)pyrene	79		65		40-140	19		50
Indeno(1,2,3-cd)pyrene	79		64		40-140	21		50
Dibenzo(a,h)anthracene	76		63		40-140	19		50
Benzo(ghi)perylene	75		62		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-20 Batch: WG804738-2 WG804738-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	76		55		23-120
2-Fluorobiphenyl	75		56		30-120
4-Terphenyl-d14	76		63		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-30 Batch: WG804768-2 WG804768-3								
Naphthalene	83		67		40-140	21		50
2-Methylnaphthalene	85		69		40-140	21		50
2-Chloronaphthalene	86		69		40-140	22		50
Acenaphthylene	89		73		40-140	20		50
Acenaphthene	86		68		31-137	23		50
Fluorene	88		71		40-140	21		50
Phenanthrene	87		73		40-140	18		50
Anthracene	94		78		40-140	19		50
Fluoranthene	89		75		40-140	17		50
Pyrene	89		76		35-142	16		50
Benzo(a)anthracene	88		73		40-140	19		50
Chrysene	85		71		40-140	18		50
Benzo(b)fluoranthene	85		72		40-140	17		50
Benzo(k)fluoranthene	86		71		40-140	19		50
Benzo(a)pyrene	88		73		40-140	19		50
Indeno(1,2,3-cd)pyrene	85		70		40-140	19		50
Dibenzo(a,h)anthracene	83		68		40-140	20		50
Benzo(ghi)perylene	82		68		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-30 Batch: WG804768-2 WG804768-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	81		67		23-120
2-Fluorobiphenyl	83		66		30-120
4-Terphenyl-d14	82		69		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG804857-2 WG804857-3								
Naphthalene	73		75		40-140	3		30
2-Methylnaphthalene	81		79		40-140	3		30
2-Chloronaphthalene	87		84		40-140	4		30
Acenaphthylene	93		89		45-123	4		30
Acenaphthene	85		79		37-111	7		30
Fluorene	93		87		40-140	7		30
Phenanthrene	88		85		40-140	3		30
Anthracene	92		87		40-140	6		30
Fluoranthene	96		92		40-140	4		30
Pyrene	93		91		26-127	2		30
Benzo(a)anthracene	92		86		40-140	7		30
Chrysene	90		86		40-140	5		30
Benzo(b)fluoranthene	95		91		40-140	4		30
Benzo(k)fluoranthene	93		84		40-140	10		30
Benzo(a)pyrene	95		90		40-140	5		30
Indeno(1,2,3-cd)Pyrene	100		99		40-140	1		30
Dibenzo(a,h)anthracene	93		92		40-140	1		30
Benzo(ghi)perylene	93		92		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 31 Batch: WG804857-2 WG804857-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	79		77		23-120
2-Fluorobiphenyl	96		89		15-120
4-Terphenyl-d14	95		88		41-149

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-01
 Client ID: DP-109-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 23:22
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/20/15 07:40
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516767**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516767-01 D
Client ID: DP-109-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 03:00
Analyst: AR
Percent Solids: 83%

Date Collected: 07/20/15 07:40
Date Received: 07/20/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	549.		mg/kg	198	22.0	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-02
 Client ID: DP-109-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 01:19
 Analyst: BS
 Percent Solids: 92%

Date Collected: 07/20/15 07:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516767**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516767-02 D
Client ID: DP-109-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 03:36
Analyst: AR
Percent Solids: 92%

Date Collected: 07/20/15 07:45
Date Received: 07/20/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	383.		mg/kg	180	20.0	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-03
 Client ID: DP-109-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:46
 Analyst: AR
 Percent Solids: 70%

Date Collected: 07/20/15 07:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.9	J	mg/kg	47.3	5.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-03
 Client ID: DP-109-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 01:59
 Analyst: BS
 Percent Solids: 70%

Date Collected: 07/20/15 07:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.5	0.068	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-04
 Client ID: DP-109-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 22:11
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/20/15 08:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.42	J	mg/kg	38.9	4.34	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-04
 Client ID: DP-109-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 02:38
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/20/15 08:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-05
 Client ID: DP-109-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 20:23
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/20/15 08:05
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.5	J	mg/kg	37.5	4.19	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-05
 Client ID: DP-109-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 03:17
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/20/15 08:05
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-06
 Client ID: DP-110-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 03:56
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/20/15 08:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	5.9		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516767**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516767-06 D
Client ID: DP-110-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 02:24
Analyst: AR
Percent Solids: 87%

Date Collected: 07/20/15 08:30
Date Received: 07/20/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2890		mg/kg	754	84.1	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-07
 Client ID: DP-110-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 17:08
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/20/15 08:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	114.		mg/kg	40.8	4.55	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-07
 Client ID: DP-110-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 04:36
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/20/15 08:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-08
 Client ID: DP-110-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 17:23
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/20/15 08:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	17.1	J	mg/kg	39.4	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-08
 Client ID: DP-110-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:15
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/20/15 08:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-09
 Client ID: DP-110-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 17:59
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/20/15 08:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.30	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-09
 Client ID: DP-110-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:54
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/20/15 08:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-10
 Client ID: DP-110-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 18:35
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/20/15 08:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/21/15 17:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	13.8	J	mg/kg	41.0	4.58	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-10
 Client ID: DP-110-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 06:34
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/20/15 08:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-11
 Client ID: DP-111-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 07:13
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/20/15 09:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-11 D
 Client ID: DP-111-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 23:22
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/20/15 09:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1930		mg/kg	356	39.7	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-12
 Client ID: DP-111-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:18
 Analyst: AR
 Percent Solids: 76%

Date Collected: 07/20/15 09:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.9	J	mg/kg	42.1	4.70	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-12
 Client ID: DP-111-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 07:52
 Analyst: BS
 Percent Solids: 76%

Date Collected: 07/20/15 09:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.2	0.062	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-13
 Client ID: DP-111-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 16:51
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/20/15 09:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	17.7	J	mg/kg	40.5	4.52	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-13
 Client ID: DP-111-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 12:00
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/20/15 09:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-14
 Client ID: DP-111-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 19:02
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/20/15 09:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-14
 Client ID: DP-111-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 13:59
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/20/15 09:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-15
 Client ID: DP-111-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 19:35
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/20/15 09:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.64	J	mg/kg	40.5	4.52	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-15
 Client ID: DP-111-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 14:39
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/20/15 09:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-16
 Client ID: DP-112-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 15:18
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/20/15 10:15
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.3	J	mg/kg	2.6	0.049	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-16 D
 Client ID: DP-112-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 23:55
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/20/15 10:15
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1700		mg/kg	360	40.2	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-17
 Client ID: DP-112-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 01:32
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/20/15 10:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	102.		mg/kg	37.3	4.16	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	100		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-17
 Client ID: DP-112-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 15:58
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/20/15 10:20
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-18
 Client ID: DP-112-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 17:24
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/20/15 10:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	18.9	J	mg/kg	40.8	4.55	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-18
 Client ID: DP-112-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 20:34
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/20/15 10:25
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	8.5		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-19
 Client ID: DP-112-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 21:12
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/20/15 11:15
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-19
 Client ID: DP-112-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 16:37
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/20/15 11:15
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-20
 Client ID: DP-112-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 20:07
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/20/15 13:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.1	4.48	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-20
 Client ID: DP-112-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 17:17
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/20/15 13:30
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-21
 Client ID: DP-113-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 17:56
 Analyst: BS
 Percent Solids: 93%

Date Collected: 07/20/15 11:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.2	J	mg/kg	2.4	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516767**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516767-21 D

Date Collected: 07/20/15 11:55

Client ID: DP-113-SO-010-01

Date Received: 07/20/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3550B

Analytical Method: 1,8015C(M)

Extraction Date: 07/21/15 17:46

Analytical Date: 07/23/15 01:00

Analyst: AR

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	3930		mg/kg	677	75.6	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-22
 Client ID: DP-113-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 03:10
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/20/15 12:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	69.0		mg/kg	37.6	4.20	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-22
 Client ID: DP-113-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 18:36
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/20/15 12:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-23
 Client ID: DP-113-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 03:42
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/20/15 12:05
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	60.9		mg/kg	40.6	4.54	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-23
 Client ID: DP-113-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:15
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/20/15 12:05
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-24
 Client ID: DP-113-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 18:29
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/20/15 12:07
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.38	J	mg/kg	38.4	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-24
 Client ID: DP-113-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:54
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/20/15 12:07
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-25
 Client ID: DP-113-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 02:05
 Analyst: AR
 Percent Solids: 76%

Date Collected: 07/20/15 12:10
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	82.9		mg/kg	43.7	4.88	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-25
 Client ID: DP-113-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 00:30
 Analyst: BS
 Percent Solids: 76%

Date Collected: 07/20/15 12:10
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.2	0.062	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-26
 Client ID: DP-114-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 02:28
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/20/15 13:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-26 D
 Client ID: DP-114-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 00:27
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/20/15 13:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	960.		mg/kg	362	40.4	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	101		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-27
 Client ID: DP-114-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 17:57
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/20/15 13:45
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	32.0	J	mg/kg	37.4	4.17	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516767**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516767-27
Client ID: DP-114-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 03:07
Analyst: BS
Percent Solids: 87%

Date Collected: 07/20/15 13:45
Date Received: 07/20/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-28
 Client ID: DP-114-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 02:37
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/20/15 13:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	75.2		mg/kg	38.4	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-28
 Client ID: DP-114-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 03:47
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/20/15 13:50
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-29
 Client ID: DP-114-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 20:40
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/20/15 13:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.98	J	mg/kg	39.2	4.38	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-29
 Client ID: DP-114-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 04:26
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/20/15 13:55
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-30
 Client ID: DP-114-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/22/15 22:17
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/20/15 14:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3550B
 Extraction Date: 07/21/15 17:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.9	J	mg/kg	41.1	4.58	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-30
 Client ID: DP-114-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 05:05
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/20/15 14:35
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-31
 Client ID: EB01-072015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 06:25
 Analyst: AR

Date Collected: 07/20/15 15:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/22/15 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	148	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-31
 Client ID: EB01-072015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 23:51
 Analyst: BS

Date Collected: 07/20/15 15:00
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 14:16
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/21/15 17:37

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-10 Batch: WG804698-1					
Total Petroleum Hydrocarbons (C9-C44)	6.43	J	mg/kg	31.6	3.52

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/22/15 15:07
Analyst: AR

Extraction Method: EPA 3550B
Extraction Date: 07/21/15 17:46

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 11-30 Batch: WG804705-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.3	3.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 04:47
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/22/15 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 31 Batch: WG804891-1					
Total Petroleum Hydrocarbons (C9-C44)	114	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 22:42
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-12 Batch: WG805669-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 11:21
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 13-24 Batch: WG806104-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 23:11
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 25-30 Batch: WG806106-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 23:11
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 31 Batch: WG806107-3					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	98		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-10 Batch: WG804698-2								
Total Petroleum Hydrocarbons (C9-C44)	107		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	93				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 11-30 Batch: WG804705-2								
Total Petroleum Hydrocarbons (C9-C44)	89		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	85				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 31 Batch: WG804891-2								
Total Petroleum Hydrocarbons (C9-C44)	88		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	81				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 Batch: WG805669-1 WG805669-2								
Gasoline Range Organics	91		88		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		96		70-130
4-Bromofluorobenzene	109		106		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 Batch: WG806104-1 WG806104-2								
Gasoline Range Organics	87		91		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	107		103		70-130
4-Bromofluorobenzene	110		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-30 Batch: WG806106-1 WG806106-2								
Gasoline Range Organics	94		94		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		103		70-130
4-Bromofluorobenzene	109		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 31 Batch: WG806107-1 WG806107-2								
Gasoline Range Organics	94		94		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		103		70-130
4-Bromofluorobenzene	109		105		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG805669-5 QC Sample: L1516767-01 Client ID: DP-109-SO-010-01												
Gasoline Range Organics	ND	23.8	20	84		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	101				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 QC Batch ID: WG806104-5 QC Sample: L1516767-13 Client ID: DP-111-SO-100-01												
Gasoline Range Organics	ND	23.5	22	92		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	105				70-130
4-Bromofluorobenzene	113				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-30 QC Batch ID: WG806106-5 QC Sample: L1516767-25 Client ID: DP-113-SO-300-01												
Gasoline Range Organics	ND	25.6	23	91		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	97				70-130
4-Bromofluorobenzene	102				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG804698-3 QC Sample: L1516628-39 Client ID: DUP Sample						
Total Petroleum Hydrocarbons (C9-C44)	793	853	mg/kg	7		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		86		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 11-30 QC Batch ID: WG804705-3 QC Sample: L1516767-11 Client ID: DP-111-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	1930	975	mg/kg	66	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		92		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 31 QC Batch ID: WG804891-3 QC Sample: L1516767-31 Client ID: EB01-072015					
Total Petroleum Hydrocarbons (C9-C44)	148.J	176J	ug/l	NC	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		89		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG805669-4 QC Sample: L1516767-01 Client ID: DP-109-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		96		70-130
4-Bromofluorobenzene	98		101		70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 QC Batch ID: WG806104-4 QC Sample: L1516767-13 Client ID: DP-111-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		100		70-130
4-Bromofluorobenzene	102		106		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-30 QC Batch ID: WG806106-4 QC Sample: L1516767-25 Client ID: DP-113-SO-300-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		98		70-130
4-Bromofluorobenzene	105		101		70-130

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-01
 Client ID: DP-109-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 07:40
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-02
Client ID: DP-109-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 07:45
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-03
 Client ID: DP-109-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 07:50
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.8		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-04
 Client ID: DP-109-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:00
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-05
 Client ID: DP-109-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:05
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-06
 Client ID: DP-110-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:30
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-07
 Client ID: DP-110-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-08
Client ID: DP-110-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 08:45
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-09
 Client ID: DP-110-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:50
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-10
 Client ID: DP-110-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 08:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-11
 Client ID: DP-111-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 09:20
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-12
 Client ID: DP-111-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 09:25
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.7		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-13
Client ID: DP-111-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 09:30
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-14
 Client ID: DP-111-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 09:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-15
 Client ID: DP-111-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 09:45
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-16
Client ID: DP-112-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 10:15
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-17
 Client ID: DP-112-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 10:20
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-18
 Client ID: DP-112-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 10:25
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-19
 Client ID: DP-112-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 11:15
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-20
 Client ID: DP-112-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 13:30
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-21
 Client ID: DP-113-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 11:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-22
 Client ID: DP-113-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 12:00
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-23
 Client ID: DP-113-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 12:05
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-24
Client ID: DP-113-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 12:07
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-25
 Client ID: DP-113-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 12:10
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.1		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516767

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-26
 Client ID: DP-114-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 13:35
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-27
 Client ID: DP-114-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 13:45
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-28
Client ID: DP-114-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 13:50
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-29
 Client ID: DP-114-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 13:55
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516767-30
Client ID: DP-114-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/20/15 14:35
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 21-30 QC Batch ID: WG804737-1 QC Sample: L1516628-39 Client ID: DUP Sample						
Solids, Total	92.4	91.0	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG804740-1 QC Sample: L1516767-01 Client ID: DP-109-SO-010-01						
Solids, Total	83.0	83.3	%	0		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent
B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516767-01A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516767-01A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-01B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516767-02A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516767-02A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-02B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516767-03A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516767-03A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-03B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516767-04A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516767-04A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-04B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516767-05A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516767-05A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-05B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1516767-06A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-06A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-06B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-07A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-07A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-07B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-08A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-08A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516767-08B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-09A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-09A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-09B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-10A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-10A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-10B	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-10C	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-11A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-11A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-11B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-12A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-12A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-12B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-13A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-13A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-13B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-14A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-14A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-14B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-15A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-15A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-15B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-16A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-16A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-16B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-17A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-17A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-17B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-18A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-18A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516767-18B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-19A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-19A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-19B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-20A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-20A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-20B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-21A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-21A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-21B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-22A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-22A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-22B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-23A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-23A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-23B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-24A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-24A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-24B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-25A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-25A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-25B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-26A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-26A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-26B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-27A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-27A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-27B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-28A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-28A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-28B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516767

Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516767-29A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-29A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-29B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-30A	Vial Large Septa unpreserved (4o	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516767-30A9	Vial MeOH preserved split	A	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1516767-30B	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516767-31A	Vial HCl preserved	B	N/A	3.2	Y	Absent	PA-8260(14)
L1516767-31B	Vial HCl preserved	B	N/A	3.2	Y	Absent	PA-8260(14)
L1516767-31C	Vial HCl preserved	B	N/A	3.2	Y	Absent	PA-TPH-GRO(14)
L1516767-31D	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516767-31E	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516767-31F	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516767-31G	Plastic 250ml HNO3 preserved	B	<2	3.2	Y	Absent	HOLD-METAL(180)
L1516767-32A	Vial HCl preserved	A	N/A	2.9	Y	Absent	PA-8260(14)
L1516767-32B	Vial HCl preserved	A	N/A	2.9	Y	Absent	PA-8260(14)

Container Comments

L1516767-12A9

L1516767-13A9

L1516767-14A9

L1516767-15A9

L1516767-16A9

L1516767-17A9

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.
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Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516767
Report Date: 07/27/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 4



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516767

Client Information

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

EPA CG to C14 (EPA 8015)

PAHs (EPA 8210 C)

BATEX (EPA 8260)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments										TOTAL # BOTTLES					
		Date	Time																		
16767-01	DP-109-50-010-01	07/20/15	07:40	SO	CT	X															2
-02	DP-109-50-050-01		07:45			X															2
-03	DP-109-50-100-01		07:50			X															2
-04	DP-109-50-200-01		8:00			X															2
-05	DP-109-50-300-01		08:05			X															2
-06	DP-110-50-010-01		08:30			X	X	X													2
-07	DP-110-50-050-01		08:35			X	X	X													2
-08	DP-110-50-100-01		08:45			X	X	X													2
-09	DP-110-50-200-01		08:50			X	X	X													2
-10	DP-110-50-300-01		08:55			X	X	X												Used 3 4 oz jars	3

Container Type			
Preservative			
Relinquished By:	Date/Time	Received By:	Date/Time
C. Tschelbun	07/20/15 15:15	Christy Kruger	7/20/15
Michael Lopez AAC	7/20/15	Michael Lopez AAC	7/20/15 19:21
Michael Lopez AAC	7/21/15 10:45	Michael Lopez AAC	7/21/15 10:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



CHAIN OF CUSTODY

PAGE 2 OF 4

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516767

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: HALEY & ALDRICH
Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Email: JKENNARD@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TPH C6 to C14 (EPA 8015)
PAH's (EPA 8270 C)
BTEX (EPA 8260)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
Preservation
 Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			PRESERVATION			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TPH C6 to C14 (EPA 8015)	PAH's (EPA 8270 C)	BTEX (EPA 8260)	Filtration	Preservation			
<u>16767 -11</u>	<u>DP-111-S0-010-01</u>	<u>07/20/15</u>	<u>09:20</u>	<u>S0</u>	<u>CT</u>	X	X	X					2
<u>-12</u>	<u>DP-111-S0-050-01</u>		<u>09:25</u>			X	X	X					2
<u>-13</u>	<u>DP-111-S0-100-01</u>		<u>09:30</u>			X	X	X					2
<u>-14</u>	<u>DP-111-S0-200-01</u>		<u>09:35</u>			X	X	X					2
<u>-15</u>	<u>DP-111-S0-300-01</u>		<u>09:45</u>			X	X	X					2
<u>-16</u>	<u>DP-112-S0-010-01</u>		<u>10:15</u>			X	X	X					2
<u>-17</u>	<u>DP-112-S0-050-01</u>		<u>10:20</u>			X	X	X					2
<u>-18</u>	<u>DP-112-S0-100-01</u>		<u>10:25</u>			X	X	X					2
<u>-19</u>	<u>DP-112-S0-200-01</u>		<u>11:15</u>			X	X	X					2
<u>-20</u>	<u>DP-112-S0-300-01</u>		<u>13:30</u>			X	X	X					2

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschelbun</u>	<u>07/20/15 15:15</u>	<u>Anthony P. Morgan</u>	<u>7/20/15</u>
<u>Michael J. Adams ADL</u>	<u>7/20/15</u>	<u>Michael J. Adams ADL</u>	<u>7/20/15 19:21</u>
<u>John ADL</u>	<u>7/21/15 09:30</u>	<u>John ADL</u>	<u>7/21/15 6:30</u>

CHAIN OF CUSTODY

PAGE 3 OF 4



WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

MANSFIELD, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516767

Client Information

Client: HALEY & ALDRICH
 Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA
 Phone: 619-285-7122
 Fax:

Project Information

Project Name:
 Project Location:
 Project #: 40223-002
 Project Manager:
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS TPH C6 to C14 (EPA 8015) PAH's (EPA 8270 C) BTEX (EPA 8260)	SAMPLE HANDLING		TOTAL # BOTTLES
	Filtration _____		
	<input type="checkbox"/> Done		
	<input type="checkbox"/> Not needed		
	<input type="checkbox"/> Lab to do		
	Preservation		
	<input type="checkbox"/> Lab to do		
	(Please specify below)		
	Sample Specific Comments		

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			TPH C6 to C14 (EPA 8015)	PAH's (EPA 8270 C)	BTEX (EPA 8260)	
167 -21	DP-113-80-010-01	07/20/15	11:55	SO	CT	X	X	X	2
-22	DP-113-80-050-01	↓	12:00	↓	↓	X	X	X	2
-23	DP-113-80-100-01		12:05			X	X	X	2
-24	DP-113-80-200-01		12:07			X	X	X	2
-25	DP-113-80-300-01		12:10			X	X	X	2
-26	DP-114-80-010-01		13:35			X	X	X	2
-27	DP-114-80-050-01		13:45			X	X	X	2
-28	DP-114-80-100-01		13:50			X	X	X	2
-29	DP-114-80-200-01		13:55			X	X	X	2
-30	DP-114-80-300-01		14:35			X	X	X	2

Container Type

Preservative

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Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubeler</u>	<u>07/20/15/15:45</u>	<u>Anthony Lopez</u>	<u>7/20/15</u>
<u>Michelle Jordan ADL</u>	<u>7/20/15</u>	<u>Michelle Jordan ADL</u>	<u>7/20/15 19:21</u>
<u>ST</u>	<u>7/21/15 18:44</u>	<u>ADL</u>	<u>7/21/15 6:30</u>



CHAIN OF CUSTODY

PAGE 4 OF 4

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516767

Client Information

Client: HALEY & ALDRICH
Address: 5330 MISSION CENTER RD.
SAN DIEGO, CA 92108
Phone: 619-285-7122
Fax:

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Email: d.kennard@HALEYALDRICH.COM

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TPH C6 to C4 (EPA 8015)
PAH's (EPA 8270 C)
BTEX (EPA 8260)
VOC's

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										SAMPLE HANDLING	TOTAL # BOTTLES	
		Date	Time			TPH C6 to C4 (EPA 8015)	PAH's (EPA 8270 C)	BTEX (EPA 8260)	VOC's									
<u>16767 -31</u>	<u>EB01-072015</u>	<u>07/20/15</u>	<u>18:00</u>	<u>W</u>	<u>CT</u>	<u>X</u>	<u>X</u>	<u>X</u>										<u>7</u>
<u>-32</u>	<u>TB01-072015</u>	<u>07/20/15</u>	<u>15:05</u>	<u>W</u>	<u>CT</u>	<u>X</u>	<u>X</u>	<u>X</u>										<u>2</u>

Relinquished By:		Date/Time		Received By:		Date/Time	
<u>C. Tschobert</u>		<u>07/20/15 15:15</u>		<u>Michael Jensen AAL</u>		<u>7/20/15 15:15</u>	
<u>Michael Jensen AAL</u>		<u>7/20/15</u>		<u>[Signature] AAL</u>		<u>7/21/15 6:30</u>	
<u>[Signature] AAL</u>		<u>7/21/15 11:05</u>		<u>[Signature] AAL</u>		<u>7/21/15 6:30</u>	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1516903
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/27/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516903-01	DP-115-SO-010-01	SOIL	Not Specified	07/21/15 07:50	07/21/15
L1516903-02	DP-115-SO-010-02	SOIL	Not Specified	07/21/15 07:52	07/21/15
L1516903-03	DP-115-SO-050-01	SOIL	Not Specified	07/21/15 07:55	07/21/15
L1516903-04	DP-115-SO-050-02	SOIL	Not Specified	07/21/15 07:58	07/21/15
L1516903-05	DP-115-SO-100-01	SOIL	Not Specified	07/21/15 08:00	07/21/15
L1516903-06	DP-115-SO-100-02	SOIL	Not Specified	07/21/15 08:03	07/21/15
L1516903-07	DP-115-SO-200-01	SOIL	Not Specified	07/21/15 08:05	07/21/15
L1516903-08	DP-115-SO-200-02	SOIL	Not Specified	07/21/15 08:07	07/21/15
L1516903-09	DP-115-SO-300-01	SOIL	Not Specified	07/21/15 08:10	07/21/15
L1516903-10	DP-115-SO-300-02	SOIL	Not Specified	07/21/15 08:12	07/21/15
L1516903-11	DP-116-SO-010-01	SOIL	Not Specified	07/21/15 08:25	07/21/15
L1516903-12	DP-116-SO-050-01	SOIL	Not Specified	07/21/15 08:30	07/21/15
L1516903-13	DP-116-SO-100-01	SOIL	Not Specified	07/21/15 08:35	07/21/15
L1516903-14	DP-116-SO-200-01	SOIL	Not Specified	07/21/15 08:40	07/21/15
L1516903-15	DP-116-SO-300-01	SOIL	Not Specified	07/21/15 08:45	07/21/15
L1516903-16	DP-117-SO-010-01	SOIL	Not Specified	07/21/15 09:05	07/21/15
L1516903-17	DP-117-SO-050-01	SOIL	Not Specified	07/21/15 09:10	07/21/15
L1516903-18	DP-117-SO-100-01	SOIL	Not Specified	07/21/15 09:15	07/21/15
L1516903-19	DP-117-SO-200-01	SOIL	Not Specified	07/21/15 09:20	07/21/15
L1516903-20	DP-117-SO-300-01	SOIL	Not Specified	07/21/15 09:25	07/21/15
L1516903-21	DP-118-SO-010-01	SOIL	Not Specified	07/21/15 10:20	07/21/15
L1516903-22	DP-118-SO-010-02	SOIL	Not Specified	07/21/15 10:22	07/21/15
L1516903-23	DP-118-SO-050-01	SOIL	Not Specified	07/21/15 10:20	07/21/15
L1516903-24	DP-118-SO-100-01	SOIL	Not Specified	07/21/15 10:25	07/21/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516903-25	DP-118-SO-200-01	SOIL	Not Specified	07/21/15 10:35	07/21/15
L1516903-26	DP-118-SO-300-01	SOIL	Not Specified	07/21/15 10:40	07/21/15
L1516903-27	DP-119-SO-010-01	SOIL	Not Specified	07/21/15 10:55	07/21/15
L1516903-28	DP-119-SO-050-01	SOIL	Not Specified	07/21/15 11:00	07/21/15
L1516903-29	DP-119-SO-100-01	SOIL	Not Specified	07/21/15 11:05	07/21/15
L1516903-30	DP-119-SO-200-01	SOIL	Not Specified	07/21/15 11:10	07/21/15
L1516903-31	DP-119-SO-300-01	SOIL	Not Specified	07/21/15 11:15	07/21/15
L1516903-32	DP-120-SO-010-01	SOIL	Not Specified	07/21/15 11:45	07/21/15
L1516903-33	DP-120-SO-050-01	SOIL	Not Specified	07/21/15 11:50	07/21/15
L1516903-34	DP-120-SO-100-01	SOIL	Not Specified	07/21/15 11:55	07/21/15
L1516903-35	DP-120-SO-200-01	SOIL	Not Specified	07/21/15 12:00	07/21/15
L1516903-36	DP-120-SO-300-01	SOIL	Not Specified	07/21/15 12:05	07/21/15
L1516903-37	DP-121-SO-010-01	SOIL	Not Specified	07/21/15 12:15	07/21/15
L1516903-38	DP-121-SO-050-01	SOIL	Not Specified	07/21/15 12:20	07/21/15
L1516903-39	DP-121-SO-100-01	SOIL	Not Specified	07/21/15 12:25	07/21/15
L1516903-40	DP-121-SO-200-01	SOIL	Not Specified	07/21/15 12:30	07/21/15
L1516903-41	DP-121-SO-300-01	SOIL	Not Specified	07/21/15 12:35	07/21/15
L1516903-42	DP-122-SO-010-01	SOIL	Not Specified	07/21/15 13:50	07/21/15
L1516903-43	DP-122-SO-050-01	SOIL	Not Specified	07/21/15 13:55	07/21/15
L1516903-44	DP-122-SO-100-01	SOIL	Not Specified	07/21/15 14:00	07/21/15
L1516903-45	DP-122-SO-200-01	SOIL	Not Specified	07/21/15 14:05	07/21/15
L1516903-46	DP-122-SO-300-01	SOIL	Not Specified	07/21/15 14:10	07/21/15
L1516903-47	DP-123-SO-010-01	SOIL	Not Specified	07/21/15 14:35	07/21/15
L1516903-48	DP-123-SO-050-01	SOIL	Not Specified	07/21/15 14:40	07/21/15
L1516903-49	DP-123-SO-100-01	SOIL	Not Specified	07/21/15 14:45	07/21/15
L1516903-50	DP-123-SO-200-01	SOIL	Not Specified	07/21/15 14:50	07/21/15
L1516903-51	DP-123-SO-300-01	SOIL	Not Specified	07/21/15 14:55	07/21/15
L1516903-52	EB01-072115	WATER	Not Specified	07/21/15 14:50	07/21/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516903-53	TB01-072115	WATER	Not Specified	07/21/15 14:50	07/21/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1516903-11 (DP-116-SO-010-01), -16 (DP-117-SO-010-01), -21 (DP-118-SO-010-01), -22 (DP-118-SO-010-02), -27 (DP-119-SO-010-01), -32 (DP-120-SO-010-01), -42 (DP-122-SO-010-01), and -43 (DP-122-SO-050-01): The samples have elevated detection limits due to the dilution required by the sample matrix.

L1516903-29 (DP-119-SO-100-01) has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The surrogate recoveries for L1516903-32 (DP-120-SO-010-01) are above the acceptance criteria for nitrobenzene-d5 (134%), 2-fluorobiphenyl (146%) and 4-terphenyl-d14 (140%). Since the sample was non-detect for all target analytes, re-analysis was not required.

Gasoline Range Organics

WG806223: The batch is reported without MS/DUP due to the associated sample L1516903-52 (EB01-072115) being an equipment blank.

Metals

L1516903-21 through -51 (DP-118-SO-010-01, DP-118-SO-010-02, DP-118-SO-050-01, DP-118-SO-100-01, DP-118-SO-200-01, DP-118-SO-300-01, DP-119-SO-010-01, DP-119-SO-050-01, DP-119-SO-100-01, DP-119-SO-200-01, DP-119-SO-300-01, DP-120-SO-010-01, DP-120-SO-050-01, DP-120-SO-100-01, DP-120-SO-200-01, DP-120-SO-300-01, DP-121-SO-010-01, DP-121-SO-050-01, DP-121-SO-100-01, DP-121-SO-200-01, DP-121-SO-300-01, DP-122-SO-010-01, DP-122-SO-050-01, DP-122-SO-100-01, DP-122-SO-200-01, DP-122-SO-300-01, DP-123-SO-010-01, DP-123-SO-050-01, DP-123-SO-100-0, DP-123-SO-200-01, and DP-123-SO-300-01) have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Case Narrative (continued)

encountered during analysis.

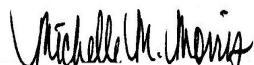
The WG805030-4 MS recoveries for aluminum (948%), calcium (474%), iron (0%), magnesium (178%), performed on L1516903-21 (DP-118-SO-010-01), do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG805030-4 MS recoveries, performed on L1516903-21 (DP-118-SO-010-01), are outside the acceptance criteria for copper (138%), manganese (166%), nickel (64%) and thallium (70%). A post digestion spike was performed and yielded unacceptable recoveries for copper (185%), manganese (166%), and nickel (161%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG805030-3 Laboratory Duplicate RPDs, performed on L1516903-21 (DP-118-SO-010-01), are outside the acceptance criteria for calcium (24%), cobalt (57%) and copper (33%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 07/27/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-01
 Client ID: DP-115-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 12:26
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/21/15 07:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-02
 Client ID: DP-115-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 12:52
 Analyst: BN
 Percent Solids: 93%

Date Collected: 07/21/15 07:52
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0021	0.00021	1
o-Xylene	ND		mg/kg	0.0021	0.00018	1
Xylenes, Total	ND		mg/kg	0.0021	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-03
 Client ID: DP-115-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 13:19
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/21/15 07:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-04
 Client ID: DP-115-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 13:45
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/21/15 07:58
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-05
 Client ID: DP-115-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 14:12
 Analyst: BN
 Percent Solids: 79%

Date Collected: 07/21/15 08:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0013	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0013	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00022	1
Xylenes, Total	ND		mg/kg	0.0025	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-06
 Client ID: DP-115-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 14:38
 Analyst: BN
 Percent Solids: 80%

Date Collected: 07/21/15 08:03
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00022	1
Xylenes, Total	ND		mg/kg	0.0025	0.00022	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-07
 Client ID: DP-115-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 15:05
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/21/15 08:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-08
 Client ID: DP-115-SO-200-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 15:31
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/21/15 08:07
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-09
 Client ID: DP-115-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 15:58
 Analyst: BN
 Percent Solids: 80%

Date Collected: 07/21/15 08:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-10
 Client ID: DP-115-SO-300-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 16:24
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/21/15 08:12
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-11
 Client ID: DP-116-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 16:51
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/21/15 08:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-12
 Client ID: DP-116-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 17:17
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/21/15 08:30
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-13
 Client ID: DP-116-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 17:44
 Analyst: BN
 Percent Solids: 82%

Date Collected: 07/21/15 08:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-14
 Client ID: DP-116-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 18:10
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/21/15 08:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-15
 Client ID: DP-116-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 18:37
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/21/15 08:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-16
 Client ID: DP-117-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:04
 Analyst: BN
 Percent Solids: 89%

Date Collected: 07/21/15 09:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-17
 Client ID: DP-117-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:30
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/21/15 09:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-18
 Client ID: DP-117-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:57
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/21/15 09:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-19
 Client ID: DP-117-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 20:23
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/21/15 09:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-20
 Client ID: DP-117-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 20:50
 Analyst: BN
 Percent Solids: 82%

Date Collected: 07/21/15 09:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-52
Client ID: EB01-072115
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/15 15:39
Analyst: MS

Date Collected: 07/21/15 14:50
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	0.25	J	ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-53
 Client ID: TB01-072115
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/23/15 16:07
 Analyst: MS

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	0.66	J	ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.9	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-53
Client ID: TB01-072115
Sample Location: Not Specified

Date Collected: 07/21/15 14:50
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	114		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 52-53 Batch: WG805468-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	0.90	J	ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 52-53 Batch: WG805468-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	0.46	J	ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/23/15 10:04
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 52-53 Batch: WG805468-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 11:59
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG806285-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 11:59
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG806285-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 11:59
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG806285-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 52-53 Batch: WG805468-1 WG805468-2								
Dichlorodifluoromethane	96		94		36-147	2		20
Chloromethane	72		72		64-130	0		20
Vinyl chloride	69		66		55-140	4		20
Bromomethane	43		45		39-139	5		20
Chloroethane	43	Q	41	Q	55-138	5		20
Trichlorofluoromethane	71		71		62-150	0		20
1,1-Dichloroethene	103		98		61-145	5		20
Carbon disulfide	105		99		51-130	6		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	108		102		70-130	6		20
Methylene chloride	108		110		70-130	2		20
Acetone	80		83		58-148	4		20
trans-1,2-Dichloroethene	109		109		70-130	0		20
Methyl Acetate	80		88		70-130	10		20
Methyl tert butyl ether	102		106		63-130	4		20
1,1-Dichloroethane	98		96		70-130	2		20
cis-1,2-Dichloroethene	108		107		70-130	1		20
Cyclohexane	94		93		70-130	1		20
Bromochloromethane	119		123		70-130	3		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	115		114		63-132	1		20
1,1,1-Trichloroethane	103		104		67-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 52-53 Batch: WG805468-1 WG805468-2								
2-Butanone	77		84		63-138	9		20
Benzene	100		99		70-130	1		20
1,2-Dichloroethane	85		87		70-130	2		20
Methyl cyclohexane	107		103		70-130	4		20
Trichloroethene	105		106		70-130	1		20
1,2-Dichloropropane	94		95		70-130	1		20
Bromodichloromethane	97		98		67-130	1		20
1,4-Dioxane	104		99		56-162	5		20
cis-1,3-Dichloropropene	99		102		70-130	3		20
Toluene	92		92		70-130	0		20
Tetrachloroethene	107		107		70-130	0		20
4-Methyl-2-pentanone	83		88		59-130	6		20
trans-1,3-Dichloropropene	87		90		70-130	3		20
1,1,2-Trichloroethane	89		93		70-130	4		20
Dibromochloromethane	104		106		63-130	2		20
1,2-Dibromoethane	97		101		70-130	4		20
2-Hexanone	61		66		57-130	8		20
Chlorobenzene	98		98		75-130	0		20
Ethylbenzene	89		88		70-130	1		20
p/m-Xylene	95		93		70-130	2		20
o-Xylene	92		93		70-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 52-53 Batch: WG805468-1 WG805468-2								
Styrene	89		90		70-130	1		20
Bromoform	93		96		54-136	3		20
Isopropylbenzene	88		86		70-130	2		20
1,1,2,2-Tetrachloroethane	80		84		67-130	5		20
1,3,5-Trimethylbenzene	86		84		64-130	2		20
1,2,4-Trimethylbenzene	85		84		70-130	1		20
1,3-Dichlorobenzene	87		91		70-130	4		20
1,4-Dichlorobenzene	88		88		70-130	0		20
1,2-Dichlorobenzene	88		90		70-130	2		20
1,2-Dibromo-3-chloropropane	72		73		41-144	1		20
1,2,4-Trichlorobenzene	88		91		70-130	3		20
Naphthalene	88		95		70-130	8		20
1,2,3-Trichlorobenzene	91		95		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	107		109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG806285-1 WG806285-2								
Dichlorodifluoromethane	141		139		30-146	1		30
Chloromethane	114		114		52-130	0		30
Vinyl chloride	91		106		67-130	15		30
Bromomethane	156	Q	121		57-147	25		30
Chloroethane	150		144		50-151	4		30
Trichlorofluoromethane	169	Q	166	Q	70-139	2		30
1,1-Dichloroethene	130		126		65-135	3		30
Carbon disulfide	107		101		59-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	130		124		50-139	5		30
Acrolein	81		82		51-130	1		30
Methylene chloride	112		112		70-130	0		30
Acetone	96		93		54-140	3		30
trans-1,2-Dichloroethene	122		119		70-130	2		30
Methyl Acetate	93		94		51-146	1		30
Methyl tert butyl ether	106		105		66-130	1		30
1,1-Dichloroethane	124		122		70-130	2		30
Acrylonitrile	81		84		70-130	4		30
cis-1,2-Dichloroethene	118		114		70-130	3		30
2,2-Dichloropropane	148	Q	143	Q	70-130	3		30
Cyclohexane	106		104		59-142	2		30
Bromochloromethane	113		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG806285-1 WG806285-2								
Chloroform	128		124		70-130	3		30
Carbon tetrachloride	148	Q	143	Q	70-130	3		30
1,1,1-Trichloroethane	137	Q	134	Q	70-130	2		30
2-Butanone	86		89		70-130	3		30
1,1-Dichloropropene	126		126		70-130	0		30
Benzene	120		119		70-130	1		30
1,2-Dichloroethane	118		120		70-130	2		30
Methyl cyclohexane	110		106		70-130	4		30
Trichloroethene	122		120		70-130	2		30
1,2-Dichloropropane	113		113		70-130	0		30
Bromodichloromethane	117		115		70-130	2		30
1,4-Dioxane	73		77		65-136	5		30
2-Chloroethylvinyl ether	116		120		70-130	3		30
cis-1,3-Dichloropropene	116		115		70-130	1		30
Toluene	110		105		70-130	5		30
4-Methyl-2-pentanone	84		89		70-130	6		30
Tetrachloroethene	120		114		70-130	5		30
trans-1,3-Dichloropropene	110		110		70-130	0		30
1,1,2-Trichloroethane	98		96		70-130	2		30
Dibromochloromethane	105		106		70-130	1		30
1,3-Dichloropropane	103		102		69-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG806285-1 WG806285-2								
1,2-Dibromoethane	98		98		70-130	0		30
2-Hexanone	76		79		70-130	4		30
Chlorobenzene	104		102		70-130	2		30
Ethylbenzene	115		110		70-130	4		30
1,1,1,2-Tetrachloroethane	109		107		70-130	2		30
p/m-Xylene	114		111		70-130	3		30
o-Xylene	112		109		70-130	3		30
Styrene	106		104		70-130	2		30
Bromoform	90		92		70-130	2		30
Isopropylbenzene	113		112		70-130	1		30
Bromobenzene	101		99		70-130	2		30
1,1,2,2-Tetrachloroethane	86		89		70-130	3		30
o-Chlorotoluene	88		87		70-130	1		30
1,3,5-Trimethylbenzene	113		111		70-130	2		30
1,2,3-Trichloropropane	89		92		68-130	3		30
p-Chlorotoluene	109		108		70-130	1		30
tert-Butylbenzene	114		112		70-130	2		30
1,2,4-Trimethylbenzene	112		110		70-130	2		30
sec-Butylbenzene	115		114		70-130	1		30
p-Isopropyltoluene	116		116		70-130	0		30
1,3-Dichlorobenzene	105		105		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG806285-1 WG806285-2								
1,4-Dichlorobenzene	103		102		70-130	1		30
n-Butylbenzene	115		113		70-130	2		30
1,2-Dichlorobenzene	101		101		70-130	0		30
1,2-Dibromo-3-chloropropane	82		86		68-130	5		30
Hexachlorobutadiene	118		117		67-130	1		30
1,2,4-Trichlorobenzene	102		102		70-130	0		30
Naphthalene	82		85		70-130	4		30
1,2,3-Trichlorobenzene	94		96		70-130	2		30
tert-Butyl Alcohol	80		84		40-160	5		30
Tertiary-Amyl Methyl Ether	110		109		70-130	1		30
Isopropyl Ether	112		109		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-01
 Client ID: DP-115-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 11:37
 Analyst: AL
 Percent Solids: 87%

Date Collected: 07/21/15 07:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.062	J	mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.049	J	mg/kg	0.15	0.035	1
Acenaphthene	0.074	J	mg/kg	0.15	0.038	1
Fluorene	0.10	J	mg/kg	0.18	0.053	1
Phenanthrene	0.83		mg/kg	0.11	0.036	1
Anthracene	0.24		mg/kg	0.11	0.031	1
Fluoranthene	1.1		mg/kg	0.11	0.034	1
Pyrene	0.95		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.56		mg/kg	0.11	0.036	1
Chrysene	0.56		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.66		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.27		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.47		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.30		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.088	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.28		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	58		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-02
 Client ID: DP-115-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 12:05
 Analyst: AL
 Percent Solids: 93%

Date Collected: 07/21/15 07:52
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.056	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.033	1
Acenaphthene	0.047	J	mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	0.42		mg/kg	0.11	0.034	1
Anthracene	0.11		mg/kg	0.11	0.029	1
Fluoranthene	0.61		mg/kg	0.11	0.032	1
Pyrene	0.53		mg/kg	0.11	0.034	1
Benzo(a)anthracene	0.30		mg/kg	0.11	0.035	1
Chrysene	0.31		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.37		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.15		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.27		mg/kg	0.14	0.043	1
Indeno(1,2,3-cd)pyrene	0.19		mg/kg	0.14	0.039	1
Dibenzo(a,h)anthracene	0.050	J	mg/kg	0.11	0.034	1
Benzo(ghi)perylene	0.19		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	49		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-03
 Client ID: DP-115-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 12:32
 Analyst: AL
 Percent Solids: 86%

Date Collected: 07/21/15 07:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-04
 Client ID: DP-115-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 13:00
 Analyst: AL
 Percent Solids: 86%

Date Collected: 07/21/15 07:58
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	66		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-05
 Client ID: DP-115-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 13:27
 Analyst: AL
 Percent Solids: 79%

Date Collected: 07/21/15 08:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.12	0.041	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.041	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	69		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-06
 Client ID: DP-115-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 13:55
 Analyst: AL
 Percent Solids: 80%

Date Collected: 07/21/15 08:03
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.043	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.039	J	mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.041	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-07
 Client ID: DP-115-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 14:23
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 08:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	71		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-08
 Client ID: DP-115-SO-200-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 14:51
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 08:07
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	75		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-09
 Client ID: DP-115-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 15:18
 Analyst: AL
 Percent Solids: 80%

Date Collected: 07/21/15 08:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-10
 Client ID: DP-115-SO-300-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 15:46
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 08:12
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.040	J	mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-11 D
 Client ID: DP-116-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 17:57
 Analyst: AL
 Percent Solids: 87%

Date Collected: 07/21/15 08:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.38	0.13	2
2-Methylnaphthalene	ND		mg/kg	0.46	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.38	0.12	2
Acenaphthylene	0.073	J	mg/kg	0.30	0.071	2
Acenaphthene	0.093	J	mg/kg	0.30	0.078	2
Fluorene	ND		mg/kg	0.38	0.11	2
Phenanthrene	1.1		mg/kg	0.23	0.074	2
Anthracene	0.37		mg/kg	0.23	0.063	2
Fluoranthene	1.6		mg/kg	0.23	0.070	2
Pyrene	1.4		mg/kg	0.23	0.074	2
Benzo(a)anthracene	0.80		mg/kg	0.23	0.074	2
Chrysene	0.82		mg/kg	0.23	0.075	2
Benzo(b)fluoranthene	0.86		mg/kg	0.23	0.077	2
Benzo(k)fluoranthene	0.34		mg/kg	0.23	0.073	2
Benzo(a)pyrene	0.66		mg/kg	0.30	0.093	2
Indeno(1,2,3-cd)pyrene	0.40		mg/kg	0.30	0.084	2
Dibenzo(a,h)anthracene	0.11	J	mg/kg	0.23	0.074	2
Benzo(ghi)perylene	0.36		mg/kg	0.30	0.079	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	64		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-12
 Client ID: DP-116-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 16:13
 Analyst: AL
 Percent Solids: 85%

Date Collected: 07/21/15 08:30
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	0.087	J	mg/kg	0.15	0.036	1
Acenaphthene	0.14	J	mg/kg	0.15	0.040	1
Fluorene	0.14	J	mg/kg	0.19	0.055	1
Phenanthrene	2.1		mg/kg	0.12	0.038	1
Anthracene	0.42		mg/kg	0.12	0.032	1
Fluoranthene	2.6		mg/kg	0.12	0.035	1
Pyrene	2.0		mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.94		mg/kg	0.12	0.038	1
Chrysene	0.94		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.2		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.40		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.82		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.55		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	0.14		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.51		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-13
 Client ID: DP-116-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 16:41
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/21/15 08:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.083	J	mg/kg	0.12	0.037	1
Pyrene	0.079	J	mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.064	J	mg/kg	0.12	0.039	1
Chrysene	0.069	J	mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.086	J	mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.065	J	mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-14
 Client ID: DP-116-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 17:09
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 08:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	ND		mg/kg	0.11	0.035	1
Pyrene	ND		mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-15
 Client ID: DP-116-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 17:36
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 08:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-16 D
 Client ID: DP-117-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:23
 Analyst: AL
 Percent Solids: 89%

Date Collected: 07/21/15 09:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.75	0.25	4
2-Methylnaphthalene	ND		mg/kg	0.90	0.24	4
2-Chloronaphthalene	ND		mg/kg	0.75	0.24	4
Acenaphthylene	ND		mg/kg	0.60	0.14	4
Acenaphthene	ND		mg/kg	0.60	0.15	4
Fluorene	ND		mg/kg	0.75	0.21	4
Phenanthrene	0.26	J	mg/kg	0.45	0.15	4
Anthracene	ND		mg/kg	0.45	0.12	4
Fluoranthene	0.36	J	mg/kg	0.45	0.14	4
Pyrene	0.37	J	mg/kg	0.45	0.14	4
Benzo(a)anthracene	0.20	J	mg/kg	0.45	0.15	4
Chrysene	0.37	J	mg/kg	0.45	0.15	4
Benzo(b)fluoranthene	0.25	J	mg/kg	0.45	0.15	4
Benzo(k)fluoranthene	ND		mg/kg	0.45	0.14	4
Benzo(a)pyrene	ND		mg/kg	0.60	0.18	4
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.60	0.17	4
Dibenzo(a,h)anthracene	ND		mg/kg	0.45	0.14	4
Benzo(ghi)perylene	ND		mg/kg	0.60	0.16	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	56		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-17
 Client ID: DP-117-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:05
 Analyst: AL
 Percent Solids: 86%

Date Collected: 07/21/15 09:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.090	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.15		mg/kg	0.11	0.035	1
Pyrene	0.14		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.083	J	mg/kg	0.11	0.037	1
Chrysene	0.092	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.097	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.044	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.078	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.050	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.046	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-18
 Client ID: DP-117-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:32
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 09:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.051	J	mg/kg	0.12	0.036	1
Pyrene	0.046	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	44		30-120
4-Terphenyl-d14	38		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-19
 Client ID: DP-117-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 21:57
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/21/15 09:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-20
 Client ID: DP-117-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 22:24
 Analyst: MY
 Percent Solids: 82%

Date Collected: 07/21/15 09:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.068	J	mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-21 D
 Client ID: DP-118-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 22:52
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.36	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.43	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.36	0.12	2
Acenaphthylene	ND		mg/kg	0.29	0.067	2
Acenaphthene	ND		mg/kg	0.29	0.074	2
Fluorene	ND		mg/kg	0.36	0.10	2
Phenanthrene	0.47		mg/kg	0.22	0.070	2
Anthracene	0.090	J	mg/kg	0.22	0.060	2
Fluoranthene	0.47		mg/kg	0.22	0.066	2
Pyrene	0.44		mg/kg	0.22	0.070	2
Benzo(a)anthracene	0.24		mg/kg	0.22	0.070	2
Chrysene	0.30		mg/kg	0.22	0.070	2
Benzo(b)fluoranthene	0.31		mg/kg	0.22	0.072	2
Benzo(k)fluoranthene	0.093	J	mg/kg	0.22	0.068	2
Benzo(a)pyrene	0.22	J	mg/kg	0.29	0.088	2
Indeno(1,2,3-cd)pyrene	0.14	J	mg/kg	0.29	0.080	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.22	0.069	2
Benzo(ghi)perylene	0.16	J	mg/kg	0.29	0.075	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	57		30-120
4-Terphenyl-d14	40		18-120

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-22 D
 Client ID: DP-118-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 23:19
 Analyst: MY
 Percent Solids: 88%

Date Collected: 07/21/15 10:22
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.38	0.12	2
2-Methylnaphthalene	0.13	J	mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.38	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.071	2
Acenaphthene	ND		mg/kg	0.30	0.078	2
Fluorene	ND		mg/kg	0.38	0.11	2
Phenanthrene	0.38		mg/kg	0.23	0.074	2
Anthracene	0.083	J	mg/kg	0.23	0.063	2
Fluoranthene	0.43		mg/kg	0.23	0.069	2
Pyrene	0.49		mg/kg	0.23	0.074	2
Benzo(a)anthracene	0.23		mg/kg	0.23	0.074	2
Chrysene	0.38		mg/kg	0.23	0.074	2
Benzo(b)fluoranthene	0.29		mg/kg	0.23	0.076	2
Benzo(k)fluoranthene	0.098	J	mg/kg	0.23	0.072	2
Benzo(a)pyrene	0.21	J	mg/kg	0.30	0.092	2
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.30	0.084	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.23	0.073	2
Benzo(ghi)perylene	0.18	J	mg/kg	0.30	0.079	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	51		30-120
4-Terphenyl-d14	35		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-23
 Client ID: DP-118-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/24/15 23:47
 Analyst: MY
 Percent Solids: 87%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.047	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.095	J	mg/kg	0.11	0.034	1
Pyrene	0.077	J	mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.049	J	mg/kg	0.11	0.037	1
Chrysene	0.053	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.057	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-24
 Client ID: DP-118-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 00:15
 Analyst: MY
 Percent Solids: 84%

Date Collected: 07/21/15 10:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-25
 Client ID: DP-118-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 00:42
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/21/15 10:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-26
 Client ID: DP-118-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 01:10
 Analyst: MY
 Percent Solids: 84%

Date Collected: 07/21/15 10:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-27 D
 Client ID: DP-119-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 01:38
 Analyst: MY
 Percent Solids: 93%

Date Collected: 07/21/15 10:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.21	J	mg/kg	0.35	0.12	2
2-Methylnaphthalene	0.59		mg/kg	0.42	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.35	0.11	2
Acenaphthylene	ND		mg/kg	0.28	0.066	2
Acenaphthene	ND		mg/kg	0.28	0.072	2
Fluorene	ND		mg/kg	0.35	0.10	2
Phenanthrene	0.80		mg/kg	0.21	0.069	2
Anthracene	0.17	J	mg/kg	0.21	0.059	2
Fluoranthene	0.58		mg/kg	0.21	0.065	2
Pyrene	0.57		mg/kg	0.21	0.068	2
Benzo(a)anthracene	0.26		mg/kg	0.21	0.069	2
Chrysene	0.39		mg/kg	0.21	0.069	2
Benzo(b)fluoranthene	0.32		mg/kg	0.21	0.071	2
Benzo(k)fluoranthene	0.11	J	mg/kg	0.21	0.067	2
Benzo(a)pyrene	0.24	J	mg/kg	0.28	0.086	2
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.28	0.078	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.21	0.068	2
Benzo(ghi)perylene	0.20	J	mg/kg	0.28	0.073	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		30-120
4-Terphenyl-d14	49		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-28
 Client ID: DP-119-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 02:05
 Analyst: MY
 Percent Solids: 85%

Date Collected: 07/21/15 11:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.10	J	mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	0.055	J	mg/kg	0.19	0.054	1
Phenanthrene	0.52		mg/kg	0.11	0.037	1
Anthracene	0.18		mg/kg	0.11	0.032	1
Fluoranthene	1.1		mg/kg	0.11	0.035	1
Pyrene	0.94		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.75		mg/kg	0.11	0.037	1
Chrysene	0.72		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.89		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.34		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.70		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.48		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.12		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.40		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	49		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-29
 Client ID: DP-119-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 02:33
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/21/15 11:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.65	0.22	1
2-Methylnaphthalene	ND		mg/kg	0.78	0.21	1
2-Chloronaphthalene	ND		mg/kg	0.65	0.21	1
Acenaphthylene	ND		mg/kg	0.52	0.12	1
Acenaphthene	0.13	J	mg/kg	0.52	0.13	1
Fluorene	ND		mg/kg	0.65	0.19	1
Phenanthrene	0.32	J	mg/kg	0.39	0.13	1
Anthracene	ND		mg/kg	0.39	0.11	1
Fluoranthene	0.39		mg/kg	0.39	0.12	1
Pyrene	0.31	J	mg/kg	0.39	0.13	1
Benzo(a)anthracene	0.13	J	mg/kg	0.39	0.13	1
Chrysene	0.19	J	mg/kg	0.39	0.13	1
Benzo(b)fluoranthene	0.20	J	mg/kg	0.39	0.13	1
Benzo(k)fluoranthene	ND		mg/kg	0.39	0.12	1
Benzo(a)pyrene	ND		mg/kg	0.52	0.16	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.52	0.14	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.39	0.13	1
Benzo(ghi)perylene	ND		mg/kg	0.52	0.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	50		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-30
 Client ID: DP-119-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 03:01
 Analyst: MY
 Percent Solids: 80%

Date Collected: 07/21/15 11:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	64		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-31
Client ID: DP-119-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/25/15 03:28
Analyst: MY
Percent Solids: 83%

Date Collected: 07/21/15 11:15
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3535
Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-32 D
 Client ID: DP-120-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 03:56
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/21/15 11:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.36	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.43	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.36	0.12	2
Acenaphthylene	ND		mg/kg	0.29	0.067	2
Acenaphthene	ND		mg/kg	0.29	0.074	2
Fluorene	ND		mg/kg	0.36	0.10	2
Phenanthrene	ND		mg/kg	0.22	0.070	2
Anthracene	ND		mg/kg	0.22	0.060	2
Fluoranthene	ND		mg/kg	0.22	0.066	2
Pyrene	ND		mg/kg	0.22	0.070	2
Benzo(a)anthracene	ND		mg/kg	0.22	0.070	2
Chrysene	ND		mg/kg	0.22	0.070	2
Benzo(b)fluoranthene	ND		mg/kg	0.22	0.072	2
Benzo(k)fluoranthene	ND		mg/kg	0.22	0.068	2
Benzo(a)pyrene	ND		mg/kg	0.29	0.088	2
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.29	0.080	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.22	0.070	2
Benzo(ghi)perylene	ND		mg/kg	0.29	0.075	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	134	Q	23-120
2-Fluorobiphenyl	146	Q	30-120
4-Terphenyl-d14	140	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-33
 Client ID: DP-120-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 04:24
 Analyst: MY
 Percent Solids: 84%

Date Collected: 07/21/15 11:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.049	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.037	J	mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	37		30-120
4-Terphenyl-d14	26		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-34
 Client ID: DP-120-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 12:18
 Analyst: MY
 Percent Solids: 81%

Date Collected: 07/21/15 11:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	103		30-120
4-Terphenyl-d14	94		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-35
 Client ID: DP-120-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 12:43
 Analyst: MY
 Percent Solids: 84%

Date Collected: 07/21/15 12:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3535
 Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-36
 Client ID: DP-120-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:07
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 12:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	ND		mg/kg	0.12	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	69		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-37
 Client ID: DP-121-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 07:38
 Analyst: AL
 Percent Solids: 92%

Date Collected: 07/21/15 12:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	0.10	J	mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	0.11		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	0.084	J	mg/kg	0.11	0.033	1
Pyrene	0.072	J	mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.036	J	mg/kg	0.11	0.035	1
Chrysene	0.047	J	mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.043	J	mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	59		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-38
 Client ID: DP-121-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 03:00
 Analyst: AL
 Percent Solids: 86%

Date Collected: 07/21/15 12:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.058	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.099	J	mg/kg	0.11	0.035	1
Pyrene	0.084	J	mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.047	J	mg/kg	0.11	0.037	1
Chrysene	0.048	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.045	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-39
Client ID: DP-121-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/26/15 03:25
Analyst: AL
Percent Solids: 85%

Date Collected: 07/21/15 12:25
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.076	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.062	J	mg/kg	0.11	0.035	1
Pyrene	0.053	J	mg/kg	0.11	0.037	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.037	1
Chrysene	ND		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-40
 Client ID: DP-121-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:32
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 12:30
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-41
 Client ID: DP-121-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 18:58
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/21/15 12:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-42 D
 Client ID: DP-122-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 08:54
 Analyst: AL
 Percent Solids: 93%

Date Collected: 07/21/15 13:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.71	0.24	4
2-Methylnaphthalene	ND		mg/kg	0.85	0.23	4
2-Chloronaphthalene	ND		mg/kg	0.71	0.23	4
Acenaphthylene	ND		mg/kg	0.57	0.13	4
Acenaphthene	ND		mg/kg	0.57	0.15	4
Fluorene	ND		mg/kg	0.71	0.20	4
Phenanthrene	0.16	J	mg/kg	0.43	0.14	4
Anthracene	ND		mg/kg	0.43	0.12	4
Fluoranthene	ND		mg/kg	0.43	0.13	4
Pyrene	ND		mg/kg	0.43	0.14	4
Benzo(a)anthracene	ND		mg/kg	0.43	0.14	4
Chrysene	0.14	J	mg/kg	0.43	0.14	4
Benzo(b)fluoranthene	ND		mg/kg	0.43	0.14	4
Benzo(k)fluoranthene	ND		mg/kg	0.43	0.14	4
Benzo(a)pyrene	ND		mg/kg	0.57	0.17	4
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.57	0.16	4
Dibenzo(a,h)anthracene	ND		mg/kg	0.43	0.14	4
Benzo(ghi)perylene	ND		mg/kg	0.57	0.15	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-43 D
 Client ID: DP-122-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 11:57
 Analyst: AL
 Percent Solids: 85%

Date Collected: 07/21/15 13:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.92		mg/kg	0.77	0.25	4
2-Methylnaphthalene	0.55	J	mg/kg	0.92	0.24	4
2-Chloronaphthalene	ND		mg/kg	0.77	0.25	4
Acenaphthylene	2.0		mg/kg	0.61	0.14	4
Acenaphthene	1.1		mg/kg	0.61	0.16	4
Fluorene	3.8		mg/kg	0.77	0.22	4
Phenanthrene	15.		mg/kg	0.46	0.15	4
Anthracene	5.5		mg/kg	0.46	0.13	4
Fluoranthene	13.		mg/kg	0.46	0.14	4
Pyrene	11.		mg/kg	0.46	0.15	4
Benzo(a)anthracene	6.9		mg/kg	0.46	0.15	4
Chrysene	5.9		mg/kg	0.46	0.15	4
Benzo(b)fluoranthene	6.9		mg/kg	0.46	0.16	4
Benzo(k)fluoranthene	2.8		mg/kg	0.46	0.15	4
Benzo(a)pyrene	5.5		mg/kg	0.61	0.19	4
Indeno(1,2,3-cd)pyrene	3.2		mg/kg	0.61	0.17	4
Dibenzo(a,h)anthracene	1.1		mg/kg	0.46	0.15	4
Benzo(ghi)perylene	3.3		mg/kg	0.61	0.16	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-44
 Client ID: DP-122-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 03:50
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 14:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.046	J	mg/kg	0.12	0.036	1
Pyrene	0.039	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-45
 Client ID: DP-122-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 19:23
 Analyst: AL
 Percent Solids: 84%

Date Collected: 07/21/15 14:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	67		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-46
 Client ID: DP-122-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 19:48
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 14:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-47
 Client ID: DP-123-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 04:41
 Analyst: AL
 Percent Solids: 91%

Date Collected: 07/21/15 14:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.046	J	mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	0.15		mg/kg	0.11	0.033	1
Pyrene	0.13		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.074	J	mg/kg	0.11	0.036	1
Chrysene	0.077	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.088	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.039	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.064	J	mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.045	J	mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	69		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-48
 Client ID: DP-123-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 08:28
 Analyst: AL
 Percent Solids: 86%

Date Collected: 07/21/15 14:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.088	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	0.13	J	mg/kg	0.15	0.036	1
Acenaphthene	0.16		mg/kg	0.15	0.040	1
Fluorene	0.36		mg/kg	0.19	0.055	1
Phenanthrene	1.3		mg/kg	0.12	0.038	1
Anthracene	0.48		mg/kg	0.12	0.032	1
Fluoranthene	1.8		mg/kg	0.12	0.036	1
Pyrene	1.6		mg/kg	0.12	0.038	1
Benzo(a)anthracene	1.0		mg/kg	0.12	0.038	1
Chrysene	1.2		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.3		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.40		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.78		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.46		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	0.18		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.52		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	95		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-49
 Client ID: DP-123-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 04:15
 Analyst: AL
 Percent Solids: 85%

Date Collected: 07/21/15 14:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.043	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.053	J	mg/kg	0.12	0.036	1
Pyrene	0.042	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-50
 Client ID: DP-123-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 01:54
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-51
 Client ID: DP-123-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/26/15 02:34
 Analyst: AL
 Percent Solids: 83%

Date Collected: 07/21/15 14:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-52
 Client ID: EB01-072115
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/25/15 11:09
 Analyst: KR

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/22/15 16:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	89		15-120
4-Terphenyl-d14	89		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 12:19
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-18 Batch: WG805043-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/24/15 20:34
Analyst: MY

Extraction Method: EPA 3535
Extraction Date: 07/22/15 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19-35 Batch: WG805044-1					
Naphthalene	ND		mg/kg	0.17	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
2-Chloronaphthalene	ND		mg/kg	0.17	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.17	0.048
Phenanthrene	ND		mg/kg	0.10	0.032
Anthracene	ND		mg/kg	0.10	0.028
Fluoranthene	ND		mg/kg	0.10	0.030
Pyrene	ND		mg/kg	0.10	0.032
Benzo(a)anthracene	ND		mg/kg	0.10	0.032
Chrysene	ND		mg/kg	0.10	0.033
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.037
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/15 09:18
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 36-51 Batch: WG805045-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.032
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/25/15 09:46
Analyst: KR

Extraction Method: EPA 3510C
Extraction Date: 07/22/15 16:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 52 Batch: WG805072-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	91		15-120
4-Terphenyl-d14	96		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG805043-2 WG805043-3								
Naphthalene	70		76		40-140	8		50
2-Methylnaphthalene	75		80		40-140	6		50
2-Chloronaphthalene	78		82		40-140	5		50
Acenaphthylene	82		87		40-140	6		50
Acenaphthene	78		82		31-137	5		50
Fluorene	81		84		40-140	4		50
Phenanthrene	80		82		40-140	2		50
Anthracene	85		88		40-140	3		50
Fluoranthene	87		89		40-140	2		50
Pyrene	85		86		35-142	1		50
Benzo(a)anthracene	88		91		40-140	3		50
Chrysene	83		85		40-140	2		50
Benzo(b)fluoranthene	89		88		40-140	1		50
Benzo(k)fluoranthene	85		92		40-140	8		50
Benzo(a)pyrene	90		93		40-140	3		50
Indeno(1,2,3-cd)pyrene	87		90		40-140	3		50
Dibenzo(a,h)anthracene	85		88		40-140	3		50
Benzo(ghi)perylene	84		86		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-18 Batch: WG805043-2 WG805043-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	80		88		23-120
2-Fluorobiphenyl	79		83		30-120
4-Terphenyl-d14	87		87		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-35 Batch: WG805044-2 WG805044-3								
Naphthalene	89		81		40-140	9		50
2-Methylnaphthalene	91		83		40-140	9		50
2-Chloronaphthalene	93		85		40-140	9		50
Acenaphthylene	96		86		40-140	11		50
Acenaphthene	91		81		31-137	12		50
Fluorene	95		84		40-140	12		50
Phenanthrene	92		83		40-140	10		50
Anthracene	93		83		40-140	11		50
Fluoranthene	95		86		40-140	10		50
Pyrene	94		85		35-142	10		50
Benzo(a)anthracene	90		82		40-140	9		50
Chrysene	88		80		40-140	10		50
Benzo(b)fluoranthene	95		87		40-140	9		50
Benzo(k)fluoranthene	94		80		40-140	16		50
Benzo(a)pyrene	94		84		40-140	11		50
Indeno(1,2,3-cd)pyrene	98		85		40-140	14		50
Dibenzo(a,h)anthracene	94		84		40-140	11		50
Benzo(ghi)perylene	94		84		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19-35 Batch: WG805044-2 WG805044-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	98		92		23-120
2-Fluorobiphenyl	89		82		30-120
4-Terphenyl-d14	89		80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36-51 Batch: WG805045-2 WG805045-3								
Naphthalene	83		74		40-140	11		50
2-Methylnaphthalene	86		77		40-140	11		50
2-Chloronaphthalene	87		78		40-140	11		50
Acenaphthylene	89		81		40-140	9		50
Acenaphthene	85		77		31-137	10		50
Fluorene	89		80		40-140	11		50
Phenanthrene	86		80		40-140	7		50
Anthracene	93		86		40-140	8		50
Fluoranthene	90		84		40-140	7		50
Pyrene	89		83		35-142	7		50
Benzo(a)anthracene	89		80		40-140	11		50
Chrysene	87		79		40-140	10		50
Benzo(b)fluoranthene	84		78		40-140	7		50
Benzo(k)fluoranthene	88		79		40-140	11		50
Benzo(a)pyrene	89		81		40-140	9		50
Indeno(1,2,3-cd)pyrene	86		78		40-140	10		50
Dibenzo(a,h)anthracene	86		78		40-140	10		50
Benzo(ghi)perylene	85		77		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36-51 Batch: WG805045-2 WG805045-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	78		72		23-120
2-Fluorobiphenyl	88		81		30-120
4-Terphenyl-d14	88		84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 52 Batch: WG805072-2 WG805072-3								
Naphthalene	61		80		40-140	27		30
2-Methylnaphthalene	59		76		40-140	25		30
2-Chloronaphthalene	61		83		40-140	31	Q	30
Acenaphthylene	69		90		45-123	26		30
Acenaphthene	64		87		37-111	30		30
Fluorene	69		96		40-140	33	Q	30
Phenanthrene	69		97		40-140	34	Q	30
Anthracene	70		96		40-140	31	Q	30
Fluoranthene	70		100		40-140	35	Q	30
Pyrene	70		98		26-127	33	Q	30
Benzo(a)anthracene	69		96		40-140	33	Q	30
Chrysene	69		94		40-140	31	Q	30
Benzo(b)fluoranthene	68		105		40-140	43	Q	30
Benzo(k)fluoranthene	72		98		40-140	31	Q	30
Benzo(a)pyrene	68		99		40-140	37	Q	30
Indeno(1,2,3-cd)Pyrene	75		104		40-140	32	Q	30
Dibenzo(a,h)anthracene	72		102		40-140	34	Q	30
Benzo(ghi)perylene	71		100		40-140	34	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 52 Batch: WG805072-2 WG805072-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	83		107		23-120
2-Fluorobiphenyl	70		95		15-120
4-Terphenyl-d14	68		96		41-149

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-01
 Client ID: DP-115-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 05:44
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/21/15 07:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-01 D
Client ID: DP-115-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 13:12
Analyst: SW
Percent Solids: 87%

Date Collected: 07/21/15 07:50
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	181.		mg/kg	71.9	8.02	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-02
 Client ID: DP-115-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 06:24
 Analyst: BS
 Percent Solids: 93%

Date Collected: 07/21/15 07:52
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-02 D

Date Collected: 07/21/15 07:52

Client ID: DP-115-SO-010-02

Date Received: 07/21/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/22/15 13:24

Analytical Date: 07/25/15 14:24

Analyst: SW

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	174.		mg/kg	67.4	7.52	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-03
 Client ID: DP-115-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 17:36
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/21/15 07:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.2	J	mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-03
 Client ID: DP-115-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 07:03
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/21/15 07:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-04
 Client ID: DP-115-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 18:09
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/21/15 07:58
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.82	J	mg/kg	38.1	4.25	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-04
 Client ID: DP-115-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 07:42
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/21/15 07:58
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-05
 Client ID: DP-115-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 20:19
 Analyst: SW
 Percent Solids: 79%

Date Collected: 07/21/15 08:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	13.2	J	mg/kg	40.4	4.51	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-05
 Client ID: DP-115-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 08:21
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/21/15 08:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-06
 Client ID: DP-115-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:14
 Analyst: SW
 Percent Solids: 80%

Date Collected: 07/21/15 08:03
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.15	J	mg/kg	40.2	4.49	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-06
 Client ID: DP-115-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 11:38
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/21/15 08:03
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-07
 Client ID: DP-115-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:46
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/21/15 08:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.82	J	mg/kg	38.6	4.31	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-07
 Client ID: DP-115-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 13:36
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 08:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-08
 Client ID: DP-115-SO-200-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 18:41
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/21/15 08:07
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.62	J	mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-08
 Client ID: DP-115-SO-200-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 14:15
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 08:07
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-09
 Client ID: DP-115-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 20:51
 Analyst: SW
 Percent Solids: 80%

Date Collected: 07/21/15 08:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.66	J	mg/kg	39.7	4.43	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-09
 Client ID: DP-115-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 14:55
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/21/15 08:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-10
 Client ID: DP-115-SO-300-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 21:24
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/21/15 08:12
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	28.8	J	mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-10
 Client ID: DP-115-SO-300-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 15:34
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 08:12
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-11
 Client ID: DP-116-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 16:13
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/21/15 08:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-11 D
Client ID: DP-116-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 13:52
Analyst: SW
Percent Solids: 87%

Date Collected: 07/21/15 08:25
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	202.		mg/kg	73.2	8.17	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-12
 Client ID: DP-116-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 21:56
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/21/15 08:30
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	42.4		mg/kg	39.0	4.35	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-12
 Client ID: DP-116-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 16:53
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/21/15 08:30
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	0.66	J	mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	72		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-13
 Client ID: DP-116-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 23:01
 Analyst: SW
 Percent Solids: 82%

Date Collected: 07/21/15 08:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.3	J	mg/kg	39.7	4.44	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-13
 Client ID: DP-116-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 17:32
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/21/15 08:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-14
 Client ID: DP-116-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 23:34
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/21/15 08:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.47	J	mg/kg	39.2	4.37	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-14
 Client ID: DP-116-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 18:12
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 08:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-15
 Client ID: DP-116-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 00:06
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/21/15 08:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.1	4.36	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-15
Client ID: DP-116-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 18:51
Analyst: BS
Percent Solids: 83%

Date Collected: 07/21/15 08:45
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-16
Client ID: DP-117-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 19:30
Analyst: BS
Percent Solids: 89%

Date Collected: 07/21/15 09:05
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-16 D
 Client ID: DP-117-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 20:19
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/21/15 09:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	619.		mg/kg	71.4	7.97	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-17
 Client ID: DP-117-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 20:10
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/21/15 09:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-17
 Client ID: DP-117-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 13:15
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/21/15 09:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/26/15 14:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	52.1		mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-18
Client ID: DP-117-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 11:03
Analyst: SW
Percent Solids: 84%

Date Collected: 07/21/15 09:15
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14.0	J	mg/kg	39.6	4.41	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-18
 Client ID: DP-117-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 23:26
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 09:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	71		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-19
 Client ID: DP-117-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 11:35
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/21/15 09:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.61	J	mg/kg	38.9	4.34	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-19
 Client ID: DP-117-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 01:24
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 09:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-20
 Client ID: DP-117-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 12:08
 Analyst: SW
 Percent Solids: 82%

Date Collected: 07/21/15 09:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.24	J	mg/kg	39.7	4.43	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-20
Client ID: DP-117-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 02:03
Analyst: BS
Percent Solids: 82%

Date Collected: 07/21/15 09:25
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-21
 Client ID: DP-118-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 02:42
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	4.7		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-21 D
 Client ID: DP-118-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 18:21
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2990		mg/kg	353	39.4	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-22
 Client ID: DP-118-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 03:22
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/21/15 10:22
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	10.		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-22 D

Date Collected: 07/21/15 10:22

Client ID: DP-118-SO-010-02

Date Received: 07/21/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/22/15 14:47

Analytical Date: 07/23/15 18:54

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	3470		mg/kg	360	40.2	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-23
 Client ID: DP-118-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 14:33
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	63.0		mg/kg	36.4	4.07	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-23
 Client ID: DP-118-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 04:01
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-24
 Client ID: DP-118-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 15:05
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 10:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.2	4.26	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-24
 Client ID: DP-118-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 04:40
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 10:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-25
 Client ID: DP-118-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 15:38
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/21/15 10:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.3	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-25
 Client ID: DP-118-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 05:19
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 10:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-26
 Client ID: DP-118-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 16:11
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 10:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	37.7	4.21	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-26
 Client ID: DP-118-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 05:58
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 10:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-27
Client ID: DP-119-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 07:56
Analyst: BS
Percent Solids: 93%

Date Collected: 07/21/15 10:55
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	11.		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	84		70-130
4-Bromofluorobenzene	86		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-27 D
Client ID: DP-119-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 19:59
Analyst: AR
Percent Solids: 93%

Date Collected: 07/21/15 10:55
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2540		mg/kg	353	39.4	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-28
Client ID: DP-119-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 21:36
Analyst: AR
Percent Solids: 85%

Date Collected: 07/21/15 11:00
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	76.9		mg/kg	38.6	4.31	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-28
 Client ID: DP-119-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 06:38
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/21/15 11:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-29
 Client ID: DP-119-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 22:09
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/21/15 11:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	44.1		mg/kg	35.8	3.99	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-29
 Client ID: DP-119-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 07:17
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/21/15 11:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-30
 Client ID: DP-119-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 16:43
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/21/15 11:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	41.2	4.60	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-30
 Client ID: DP-119-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 12:18
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/21/15 11:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-31
 Client ID: DP-119-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 17:16
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/21/15 11:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.74	J	mg/kg	38.6	4.30	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-31
 Client ID: DP-119-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 14:19
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 11:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-32
Client ID: DP-120-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 15:00
Analyst: BS
Percent Solids: 91%

Date Collected: 07/21/15 11:45
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	3.1		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-32 D
Client ID: DP-120-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 21:04
Analyst: AR
Percent Solids: 91%

Date Collected: 07/21/15 11:45
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	533.		mg/kg	182	20.3	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-33
 Client ID: DP-120-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 22:41
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 11:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	163.		mg/kg	38.5	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-33
 Client ID: DP-120-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 15:40
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 11:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.5	J	mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-34
 Client ID: DP-120-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 01:24
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/21/15 11:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.0	J	mg/kg	40.9	4.56	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-34
 Client ID: DP-120-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 16:21
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/21/15 11:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	3.0		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-35
 Client ID: DP-120-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 01:56
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 12:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.38	J	mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-35
Client ID: DP-120-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 17:01
Analyst: BS
Percent Solids: 84%

Date Collected: 07/21/15 12:00
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-36
 Client ID: DP-120-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 02:29
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 12:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-36
 Client ID: DP-120-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 17:42
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 12:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-37
 Client ID: DP-121-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 18:22
 Analyst: BS
 Percent Solids: 92%

Date Collected: 07/21/15 12:15
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.8		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-37 D

Date Collected: 07/21/15 12:15

Client ID: DP-121-SO-010-01

Date Received: 07/21/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/22/15 14:48

Analytical Date: 07/23/15 20:31

Analyst: AR

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	467.		mg/kg	174	19.4	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-38
 Client ID: DP-121-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/23/15 23:46
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/21/15 12:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	49.3		mg/kg	37.2	4.16	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-38
 Client ID: DP-121-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:02
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/21/15 12:20
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	81		70-130
4-Bromofluorobenzene	71		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-39
 Client ID: DP-121-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 00:19
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/21/15 12:25
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	95.3		mg/kg	37.0	4.13	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-39
Client ID: DP-121-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 19:43
Analyst: BS
Percent Solids: 85%

Date Collected: 07/21/15 12:25
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	73		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-40
Client ID: DP-121-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 00:51
Analyst: AR
Percent Solids: 83%

Date Collected: 07/21/15 12:30
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	18.1	J	mg/kg	39.0	4.35	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-40
 Client ID: DP-121-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 20:23
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 12:30
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-41
 Client ID: DP-121-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 04:38
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/21/15 12:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.30	J	mg/kg	39.7	4.43	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-41
 Client ID: DP-121-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 21:03
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/21/15 12:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-42
 Client ID: DP-122-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 15:51
 Analyst: BS
 Percent Solids: 93%

Date Collected: 07/21/15 13:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	3.2		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-42 D
Client ID: DP-122-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 03:33
Analyst: AR
Percent Solids: 93%

Date Collected: 07/21/15 13:50
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1350		mg/kg	177	19.8	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-43
Client ID: DP-122-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 17:49
Analyst: BS
Percent Solids: 85%

Date Collected: 07/21/15 13:55
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.0	J	mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-43 D

Date Collected: 07/21/15 13:55

Client ID: DP-122-SO-050-01

Date Received: 07/21/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/22/15 16:46

Analytical Date: 07/24/15 04:05

Analyst: AR

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	1250		mg/kg	186	20.7	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	99		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-44
 Client ID: DP-122-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:43
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 14:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	75.6		mg/kg	39.4	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-44
 Client ID: DP-122-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 18:29
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 14:00
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-45
 Client ID: DP-122-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 06:47
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/21/15 14:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-45
 Client ID: DP-122-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 19:08
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/21/15 14:05
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-46
 Client ID: DP-122-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 06:47
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/21/15 14:10
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.8	J	mg/kg	38.7	4.32	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-46
Client ID: DP-122-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 19:47
Analyst: BS
Percent Solids: 83%

Date Collected: 07/21/15 14:10
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.058	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-47
 Client ID: DP-123-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 20:27
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/21/15 14:35
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516903**Project Number:** 40223-002**Report Date:** 07/27/15**SAMPLE RESULTS**

Lab ID: L1516903-47 D
Client ID: DP-123-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 04:38
Analyst: AR
Percent Solids: 91%

Date Collected: 07/21/15 14:35
Date Received: 07/21/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	411.		mg/kg	180	20.1	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-48
 Client ID: DP-123-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:10
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/21/15 14:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	288.		mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-48
 Client ID: DP-123-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 00:22
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/21/15 14:40
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	1.4	J	mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-49
 Client ID: DP-123-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 06:15
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/21/15 14:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14.6	J	mg/kg	37.1	4.14	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-49
 Client ID: DP-123-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:20
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/21/15 14:45
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-50
 Client ID: DP-123-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:10
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.82	J	mg/kg	38.4	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-50
 Client ID: DP-123-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:59
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-51
 Client ID: DP-123-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 05:43
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/21/15 14:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.44	J	mg/kg	39.7	4.43	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-51
 Client ID: DP-123-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:38
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/21/15 14:55
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-52
 Client ID: EB01-072115
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 06:17
 Analyst: AR

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/22/15 16:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	162	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-52
 Client ID: EB01-072115
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 23:43
 Analyst: BS

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 15:41
Analyst: SW

Extraction Method: EPA 3546
Extraction Date: 07/22/15 13:24

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-16,18-20 Batch: WG805031-1					
Total Petroleum Hydrocarbons (C9-C44)	4.71	J	mg/kg	32.9	3.67

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/23/15 13:27
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/22/15 14:47

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 21-40 Batch: WG805053-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.4	3.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 04:30
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/22/15 16:02

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 52 Batch: WG805071-1					
Total Petroleum Hydrocarbons (C9-C44)	155	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 03:01
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/22/15 16:46

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 41-51 Batch: WG805081-1					
Total Petroleum Hydrocarbons (C9-C44)	5.64	J	mg/kg	31.4	3.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 10:42
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/26/15 14:25

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 17 Batch: WG806088-1					
Total Petroleum Hydrocarbons (C9-C44)	4.35	J	mg/kg	32.9	3.67

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 23:11
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-05 Batch: WG806106-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 10:59
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 06-17 Batch: WG806108-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 22:47
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 18-29 Batch: WG806109-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 11:38
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 30-41 Batch: WG806163-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 11:15
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 42-47 Batch: WG806222-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 23:04
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 52 Batch: WG806223-3					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 23:04
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 48-51 Batch: WG806224-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	108		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-16,18-20 Batch: WG805031-2								
Total Petroleum Hydrocarbons (C9-C44)	108		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	95				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 Batch: WG805053-2								
Total Petroleum Hydrocarbons (C9-C44)	94		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	84				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 52 Batch: WG805071-2								
Total Petroleum Hydrocarbons (C9-C44)	110		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	104				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-51 Batch: WG805081-2								
Total Petroleum Hydrocarbons (C9-C44)	84		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	72				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 17 Batch: WG806088-2								
Total Petroleum Hydrocarbons (C9-C44)	87		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	83				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-05 Batch: WG806106-1 WG806106-2								
Gasoline Range Organics	94		94		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		103		70-130
4-Bromofluorobenzene	109		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 06-17 Batch: WG806108-1 WG806108-2								
Gasoline Range Organics	95		94		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		103		70-130
4-Bromofluorobenzene	110		109		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 18-29 Batch: WG806109-1 WG806109-2								
Gasoline Range Organics	92		91		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	100		99		70-130
4-Bromofluorobenzene	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 30-41 Batch: WG806163-1 WG806163-2								
Gasoline Range Organics	88		91		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		101		70-130
4-Bromofluorobenzene	96		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 42-47 Batch: WG806222-1 WG806222-2								
Gasoline Range Organics	92		95		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	111		107		70-130
4-Bromofluorobenzene	114		111		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 52 Batch: WG806223-1 WG806223-2								
Gasoline Range Organics	91		91		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		100		70-130
4-Bromofluorobenzene	107		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 48-51 Batch: WG806224-1 WG806224-2								
Gasoline Range Organics	91		91		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		100		70-130
4-Bromofluorobenzene	107		105		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG806106-5 QC Sample: L1516767-25 Client ID: MS Sample												
Gasoline Range Organics	ND	25.6	23	91		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	97				70-130
4-Bromofluorobenzene	102				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 06-17 QC Batch ID: WG806108-5 QC Sample: L1516903-06 Client ID: DP-115-SO-100-02												
Gasoline Range Organics	ND	24.6	23	92		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	94				70-130
4-Bromofluorobenzene	97				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 18-29 QC Batch ID: WG806109-5 QC Sample: L1516903-18 Client ID: DP-117-SO-100-01												
Gasoline Range Organics	ND	24	22	91		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	94				70-130
4-Bromofluorobenzene	98				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 30-41 QC Batch ID: WG806163-5 QC Sample: L1516903-30 Client ID: DP-119-SO-200-01												
Gasoline Range Organics	ND	22.4	21	94		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	99				70-130
4-Bromofluorobenzene	84				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 42-47 QC Batch ID: WG806222-5 QC Sample: L1516903-42 Client ID: DP-122-SO-010-01												
Gasoline Range Organics	3.2	21.6	21	82		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	101				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 48-51 QC Batch ID: WG806224-5 QC Sample: L1516903-48 Client ID: DP-123-SO-050-01												
Gasoline Range Organics	1.4J	23.3	19	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	100				70-130
4-Bromofluorobenzene	98				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-16,18-20 QC Batch ID: WG805031-3 QC Sample: L1516903-01 Client ID: DP-115-SO-010-01						

Total Petroleum Hydrocarbons (C9-C44)	181	205	mg/kg	12		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		101		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805053-3 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01						
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Total Petroleum Hydrocarbons (C9-C44)	2990	2930	mg/kg	2		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		99		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805071-3 QC Sample: L1516903-52 Client ID: EB01-072115					

Total Petroleum Hydrocarbons (C9-C44)	162.J	170J	ug/l	NC	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		105		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805081-3 QC Sample: L1516903-41 Client ID: DP-121-SO-300-01					
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Total Petroleum Hydrocarbons (C9-C44)	5.30J	5.77J	mg/kg	NC	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		80		40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 17 QC Batch ID: WG806088-3 QC Sample: L1516903-17 Client ID: DP-117-SO-050-01					
Total Petroleum Hydrocarbons (C9-C44)	52.1	28.1J	mg/kg	NC	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		67		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG806106-4 QC Sample: L1516767-25 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		98		70-130
4-Bromofluorobenzene	105		101		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 06-17 QC Batch ID: WG806108-4 QC Sample: L1516903-06 Client ID: DP-115-SO-100-02					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		92		70-130
4-Bromofluorobenzene	103		97		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 18-29 QC Batch ID: WG806109-4 QC Sample: L1516903-18 Client ID: DP-117-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	71		94		70-130
4-Bromofluorobenzene	77		97		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 30-41 QC Batch ID: WG806163-4 QC Sample: L1516903-30 Client ID: DP-119-SO-200-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		95		70-130
4-Bromofluorobenzene	77		83		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 42-47 QC Batch ID: WG806222-4 QC Sample: L1516903-42 Client ID: DP-122-SO-010-01					
Gasoline Range Organics	3.2	3.5	mg/kg	9	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		98		70-130
4-Bromofluorobenzene	99		103		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 48-51 QC Batch ID: WG806224-4 QC Sample: L1516903-48 Client ID: DP-123-SO-050-01					
Gasoline Range Organics	1.4J	1.3J	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		96		70-130
4-Bromofluorobenzene	101		100		70-130



METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-21
 Client ID: DP-118-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5200		mg/kg	8.4	1.7	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.2	0.67	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Arsenic, Total	2.8		mg/kg	0.84	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Barium, Total	32		mg/kg	0.84	0.25	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Beryllium, Total	0.22	J	mg/kg	0.42	0.08	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.84	0.06	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Calcium, Total	29000		mg/kg	8.4	2.5	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Chromium, Total	17		mg/kg	0.84	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Cobalt, Total	3.8		mg/kg	1.7	0.42	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Copper, Total	10		mg/kg	0.84	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Iron, Total	11000		mg/kg	4.2	1.7	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Lead, Total	11		mg/kg	4.2	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Magnesium, Total	5000		mg/kg	8.4	0.84	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Manganese, Total	110		mg/kg	0.84	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/23/15 10:05	07/24/15 19:47	EPA 7471B	1,7471B	MC
Nickel, Total	26		mg/kg	2.1	0.34	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Potassium, Total	420		mg/kg	210	34.	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Selenium, Total	0.45	J	mg/kg	1.7	0.25	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.84	0.17	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Sodium, Total	140	J	mg/kg	170	25.	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Vanadium, Total	23		mg/kg	0.84	0.08	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH
Zinc, Total	20		mg/kg	4.2	0.59	2	07/22/15 14:45	07/23/15 17:55	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-22
 Client ID: DP-118-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/21/15 10:22
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6100		mg/kg	9.0	1.8	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Arsenic, Total	2.2		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Barium, Total	130		mg/kg	0.90	0.27	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Beryllium, Total	0.24	J	mg/kg	0.45	0.09	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Calcium, Total	58000		mg/kg	9.0	2.7	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Cobalt, Total	3.4		mg/kg	1.8	0.45	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Iron, Total	9400		mg/kg	4.5	1.8	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Lead, Total	14		mg/kg	4.5	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Magnesium, Total	11000		mg/kg	9.0	0.90	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Manganese, Total	150		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 19:58	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.2	0.36	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Potassium, Total	620		mg/kg	220	36.	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Selenium, Total	0.49	J	mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Sodium, Total	220		mg/kg	180	27.	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.90	0.09	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH
Zinc, Total	56		mg/kg	4.5	0.63	2	07/22/15 14:45	07/23/15 18:31	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-23
 Client ID: DP-118-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7400		mg/kg	9.0	1.8	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Arsenic, Total	3.7		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Barium, Total	51		mg/kg	0.90	0.27	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Beryllium, Total	0.67		mg/kg	0.45	0.09	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Calcium, Total	990		mg/kg	9.0	2.7	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Cobalt, Total	6.7		mg/kg	1.8	0.45	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Iron, Total	21000		mg/kg	4.5	1.8	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Lead, Total	13		mg/kg	4.5	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Magnesium, Total	1700		mg/kg	9.0	0.90	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Manganese, Total	140		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/23/15 10:05	07/24/15 20:00	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.2	0.36	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Potassium, Total	400		mg/kg	220	36.	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Selenium, Total	0.44	J	mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Sodium, Total	63	J	mg/kg	180	27.	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Vanadium, Total	19		mg/kg	0.90	0.09	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	4.5	0.63	2	07/22/15 14:45	07/23/15 18:35	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-24
 Client ID: DP-118-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 10:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8200		mg/kg	9.2	1.8	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Arsenic, Total	4.5		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Barium, Total	62		mg/kg	0.92	0.28	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Beryllium, Total	0.59		mg/kg	0.46	0.09	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Calcium, Total	570		mg/kg	9.2	2.8	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Cobalt, Total	8.8		mg/kg	1.8	0.46	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Iron, Total	22000		mg/kg	4.6	1.8	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Lead, Total	0.75	J	mg/kg	4.6	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Magnesium, Total	2100		mg/kg	9.2	0.92	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Manganese, Total	220		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:02	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.37	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Potassium, Total	390		mg/kg	230	37.	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Selenium, Total	0.36	J	mg/kg	1.8	0.28	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Sodium, Total	86	J	mg/kg	180	28.	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	0.92	0.09	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH
Zinc, Total	40		mg/kg	4.6	0.64	2	07/22/15 14:45	07/23/15 18:38	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-25
 Client ID: DP-118-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 10:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.1	1.8	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Arsenic, Total	4.1		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Barium, Total	74		mg/kg	0.91	0.27	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Beryllium, Total	0.67		mg/kg	0.45	0.09	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Calcium, Total	220		mg/kg	9.1	2.7	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Cobalt, Total	5.2		mg/kg	1.8	0.45	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Iron, Total	21000		mg/kg	4.5	1.8	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Lead, Total	2.0	J	mg/kg	4.5	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Magnesium, Total	2400		mg/kg	9.1	0.91	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:04	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.3	0.36	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Potassium, Total	350		mg/kg	230	36.	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Sodium, Total	220		mg/kg	180	27.	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Vanadium, Total	21		mg/kg	0.91	0.09	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH
Zinc, Total	42		mg/kg	4.5	0.64	2	07/22/15 14:45	07/23/15 18:42	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-26
 Client ID: DP-118-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 10:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6900		mg/kg	9.2	1.8	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Arsenic, Total	3.4		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Barium, Total	51		mg/kg	0.92	0.28	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Beryllium, Total	0.47		mg/kg	0.46	0.09	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Calcium, Total	340		mg/kg	9.2	2.8	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Chromium, Total	11		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Cobalt, Total	6.4		mg/kg	1.8	0.46	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Copper, Total	9.0		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.6	1.8	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Lead, Total	1.3	J	mg/kg	4.6	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Magnesium, Total	1700		mg/kg	9.2	0.92	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Manganese, Total	200		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:06	EPA 7471B	1,7471B	MC
Nickel, Total	9.8		mg/kg	2.3	0.37	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Potassium, Total	300		mg/kg	230	37.	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Sodium, Total	150	J	mg/kg	180	28.	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Vanadium, Total	16		mg/kg	0.92	0.09	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH
Zinc, Total	32		mg/kg	4.6	0.64	2	07/22/15 14:45	07/23/15 18:46	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-27
 Client ID: DP-119-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 07/21/15 10:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	8.1	1.6	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.1	0.65	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Arsenic, Total	6.3		mg/kg	0.81	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Barium, Total	44		mg/kg	0.81	0.24	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Beryllium, Total	0.23	J	mg/kg	0.41	0.08	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.81	0.06	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Calcium, Total	48000		mg/kg	8.1	2.4	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Chromium, Total	24		mg/kg	0.81	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Cobalt, Total	6.5		mg/kg	1.6	0.41	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.81	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	4.1	1.6	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Lead, Total	8.3		mg/kg	4.1	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Magnesium, Total	7800		mg/kg	8.1	0.81	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Manganese, Total	140		mg/kg	0.81	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:08	EPA 7471B	1,7471B	MC
Nickel, Total	71		mg/kg	2.0	0.32	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Potassium, Total	630		mg/kg	200	32.	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Selenium, Total	0.61	J	mg/kg	1.6	0.24	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.81	0.16	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Sodium, Total	360		mg/kg	160	24.	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.6	0.32	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.81	0.08	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH
Zinc, Total	22		mg/kg	4.1	0.57	2	07/22/15 14:45	07/23/15 18:50	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-28
 Client ID: DP-119-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/15 11:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6900		mg/kg	9.1	1.8	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Arsenic, Total	3.8		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Barium, Total	150		mg/kg	0.91	0.27	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Beryllium, Total	0.59		mg/kg	0.45	0.09	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Calcium, Total	6900		mg/kg	9.1	2.7	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Cobalt, Total	7.1		mg/kg	1.8	0.45	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Copper, Total	320		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Iron, Total	13000		mg/kg	4.5	1.8	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Lead, Total	180		mg/kg	4.5	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Magnesium, Total	1200		mg/kg	9.1	0.91	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Manganese, Total	160		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Mercury, Total	0.43		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:09	EPA 7471B	1,7471B	MC
Nickel, Total	9.8		mg/kg	2.3	0.36	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Potassium, Total	540		mg/kg	230	36.	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Selenium, Total	0.29	J	mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Sodium, Total	230		mg/kg	180	27.	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.91	0.09	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH
Zinc, Total	100		mg/kg	4.5	0.64	2	07/22/15 14:45	07/23/15 19:14	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-29
 Client ID: DP-119-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/21/15 11:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3700		mg/kg	8.8	1.8	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Antimony, Total	2.8	J	mg/kg	4.4	0.70	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Arsenic, Total	6.1		mg/kg	0.88	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Barium, Total	32		mg/kg	0.88	0.26	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Beryllium, Total	0.32	J	mg/kg	0.44	0.09	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Calcium, Total	2100		mg/kg	8.8	2.6	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Chromium, Total	8.4		mg/kg	0.88	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Cobalt, Total	5.8		mg/kg	1.8	0.44	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Copper, Total	16		mg/kg	0.88	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Iron, Total	19000		mg/kg	4.4	1.8	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Lead, Total	270		mg/kg	4.4	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Magnesium, Total	920		mg/kg	8.8	0.88	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Manganese, Total	260		mg/kg	0.88	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Mercury, Total	0.07		mg/kg	0.07	0.02	1	07/23/15 10:05	07/24/15 20:15	EPA 7471B	1,7471B	MC
Nickel, Total	9.7		mg/kg	2.2	0.35	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Potassium, Total	300		mg/kg	220	35.	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Silver, Total	0.18	J	mg/kg	0.88	0.18	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Sodium, Total	69	J	mg/kg	180	26.	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Vanadium, Total	10		mg/kg	0.88	0.09	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH
Zinc, Total	27		mg/kg	4.4	0.61	2	07/22/15 14:45	07/23/15 19:18	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-30
 Client ID: DP-119-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/21/15 11:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.6	1.9	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Arsenic, Total	5.9		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Barium, Total	54		mg/kg	0.96	0.29	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.58		mg/kg	0.48	0.10	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Calcium, Total	320		mg/kg	9.6	2.9	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Chromium, Total	17		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Cobalt, Total	10		mg/kg	1.9	0.48	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Iron, Total	25000		mg/kg	4.8	1.9	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Lead, Total	0.81	J	mg/kg	4.8	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Magnesium, Total	1700		mg/kg	9.6	0.96	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Manganese, Total	200		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:17	EPA 7471B	1,7471B	MC
Nickel, Total	10		mg/kg	2.4	0.38	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Potassium, Total	420		mg/kg	240	38.	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Sodium, Total	99	J	mg/kg	190	29.	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Vanadium, Total	29		mg/kg	0.96	0.10	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH
Zinc, Total	33		mg/kg	4.8	0.67	2	07/22/15 14:45	07/23/15 19:22	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-31
 Client ID: DP-119-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 11:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.2	1.8	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Arsenic, Total	6.0		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Barium, Total	50		mg/kg	0.92	0.28	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.59		mg/kg	0.46	0.09	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Calcium, Total	450		mg/kg	9.2	2.8	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Cobalt, Total	11		mg/kg	1.8	0.46	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Iron, Total	26000		mg/kg	4.6	1.8	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Lead, Total	2.9	J	mg/kg	4.6	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Magnesium, Total	1600		mg/kg	9.2	0.92	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Manganese, Total	280		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:18	EPA 7471B	1,7471B	MC
Nickel, Total	10		mg/kg	2.3	0.37	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Potassium, Total	410		mg/kg	230	37.	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Selenium, Total	0.31	J	mg/kg	1.8	0.28	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Sodium, Total	96	J	mg/kg	180	28.	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Vanadium, Total	28		mg/kg	0.92	0.09	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH
Zinc, Total	32		mg/kg	4.6	0.64	2	07/22/15 14:45	07/23/15 19:26	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-32
 Client ID: DP-120-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/21/15 11:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4000		mg/kg	8.2	1.6	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.1	0.66	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Arsenic, Total	2.0		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Barium, Total	9.9		mg/kg	0.82	0.25	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Beryllium, Total	0.14	J	mg/kg	0.41	0.08	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.82	0.06	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Calcium, Total	3500		mg/kg	8.2	2.5	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Chromium, Total	10		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Cobalt, Total	1.0	J	mg/kg	1.6	0.41	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Copper, Total	4.0		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Iron, Total	9200		mg/kg	4.1	1.6	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Lead, Total	1.7	J	mg/kg	4.1	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Magnesium, Total	520		mg/kg	8.2	0.82	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Manganese, Total	27		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/23/15 10:05	07/24/15 20:20	EPA 7471B	1,7471B	MC
Nickel, Total	2.9		mg/kg	2.1	0.33	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Potassium, Total	200	J	mg/kg	210	33.	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.6	0.25	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Sodium, Total	440		mg/kg	160	25.	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.6	0.33	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Vanadium, Total	15		mg/kg	0.82	0.08	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH
Zinc, Total	5.7		mg/kg	4.1	0.58	2	07/22/15 14:45	07/23/15 19:30	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-33
 Client ID: DP-120-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 11:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7500		mg/kg	9.2	1.8	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Arsenic, Total	5.5		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Barium, Total	150		mg/kg	0.92	0.27	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Cadmium, Total	0.76	J	mg/kg	0.92	0.06	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Calcium, Total	8000		mg/kg	9.2	2.7	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Cobalt, Total	6.7		mg/kg	1.8	0.46	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Copper, Total	16		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Iron, Total	24000		mg/kg	4.6	1.8	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Lead, Total	530		mg/kg	4.6	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Magnesium, Total	1600		mg/kg	9.2	0.92	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Manganese, Total	150		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Mercury, Total	1.7		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:22	EPA 7471B	1,7471B	MC
Nickel, Total	10		mg/kg	2.3	0.37	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Potassium, Total	580		mg/kg	230	37.	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Selenium, Total	0.42	J	mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Sodium, Total	180		mg/kg	180	27.	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	0.92	0.09	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH
Zinc, Total	260		mg/kg	4.6	0.64	2	07/22/15 14:45	07/23/15 19:34	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-34
 Client ID: DP-120-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/21/15 11:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	9.6	1.9	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Arsenic, Total	8.0		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Barium, Total	78		mg/kg	0.96	0.29	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Beryllium, Total	0.57		mg/kg	0.48	0.10	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Calcium, Total	730		mg/kg	9.6	2.9	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Cobalt, Total	7.3		mg/kg	1.9	0.48	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Iron, Total	24000		mg/kg	4.8	1.9	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Lead, Total	1.6	J	mg/kg	4.8	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Magnesium, Total	1700		mg/kg	9.6	0.96	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Manganese, Total	160		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:24	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.4	0.38	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Potassium, Total	450		mg/kg	240	38.	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.96	0.19	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Sodium, Total	130	J	mg/kg	190	29.	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.96	0.10	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH
Zinc, Total	36		mg/kg	4.8	0.67	2	07/22/15 14:45	07/23/15 19:38	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-35
 Client ID: DP-120-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 12:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.4	1.9	2	07/22/15 14:45	07/24/15 17:39	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/22/15 14:45	07/24/15 17:39	EPA 3050B	1,6010C	TT
Arsenic, Total	5.4		mg/kg	0.94	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Barium, Total	85		mg/kg	0.94	0.28	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Beryllium, Total	0.75		mg/kg	0.47	0.09	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Calcium, Total	220		mg/kg	9.4	2.8	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.94	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Cobalt, Total	8.5		mg/kg	1.9	0.47	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.94	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Iron, Total	26000		mg/kg	4.7	1.9	2	07/22/15 14:45	07/24/15 17:39	EPA 3050B	1,6010C	TT
Lead, Total	0.20	J	mg/kg	4.7	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Magnesium, Total	2700		mg/kg	9.4	0.94	2	07/22/15 14:45	07/24/15 17:39	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	0.94	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:26	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.37	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Potassium, Total	380		mg/kg	230	37.	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Selenium, Total	0.30	J	mg/kg	1.9	0.28	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.94	0.19	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Sodium, Total	200		mg/kg	190	28.	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Vanadium, Total	23		mg/kg	0.94	0.09	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH
Zinc, Total	48		mg/kg	4.7	0.66	2	07/22/15 14:45	07/23/15 20:06	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-36
 Client ID: DP-120-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 12:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7600		mg/kg	9.5	1.9	2	07/22/15 14:45	07/24/15 17:43	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/22/15 14:45	07/24/15 17:43	EPA 3050B	1,6010C	TT
Arsenic, Total	2.3		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Barium, Total	62		mg/kg	0.95	0.28	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Beryllium, Total	0.42	J	mg/kg	0.47	0.10	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Calcium, Total	390		mg/kg	9.5	2.8	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Cobalt, Total	7.7		mg/kg	1.9	0.47	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Copper, Total	8.2		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Iron, Total	15000		mg/kg	4.7	1.9	2	07/22/15 14:45	07/24/15 17:43	EPA 3050B	1,6010C	TT
Lead, Total	2.2	J	mg/kg	4.7	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Magnesium, Total	2100		mg/kg	9.5	0.95	2	07/22/15 14:45	07/24/15 17:43	EPA 3050B	1,6010C	TT
Manganese, Total	230		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:27	EPA 7471B	1,7471B	MC
Nickel, Total	10		mg/kg	2.4	0.38	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Potassium, Total	340		mg/kg	240	38.	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Sodium, Total	150	J	mg/kg	190	28.	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Vanadium, Total	14		mg/kg	0.95	0.10	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH
Zinc, Total	33		mg/kg	4.7	0.66	2	07/22/15 14:45	07/23/15 20:09	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-37
 Client ID: DP-121-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 92%

Date Collected: 07/21/15 12:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2200		mg/kg	8.2	1.6	2	07/22/15 14:45	07/24/15 17:47	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.66	2	07/22/15 14:45	07/24/15 17:47	EPA 3050B	1,6010C	TT
Arsenic, Total	1.7		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Barium, Total	6.2		mg/kg	0.82	0.24	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Beryllium, Total	0.13	J	mg/kg	0.41	0.08	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.82	0.06	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Calcium, Total	380		mg/kg	8.2	2.4	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Chromium, Total	6.1		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Cobalt, Total	0.60	J	mg/kg	1.6	0.41	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Copper, Total	2.9		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Iron, Total	9000		mg/kg	4.1	1.6	2	07/22/15 14:45	07/24/15 17:47	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.1	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Magnesium, Total	110		mg/kg	8.2	0.82	2	07/22/15 14:45	07/24/15 17:47	EPA 3050B	1,6010C	TT
Manganese, Total	22		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/23/15 10:05	07/24/15 20:29	EPA 7471B	1,7471B	MC
Nickel, Total	1.5	J	mg/kg	2.0	0.33	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Potassium, Total	100	J	mg/kg	200	33.	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.6	0.24	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.82	0.16	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Sodium, Total	40	J	mg/kg	160	24.	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.6	0.33	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Vanadium, Total	12		mg/kg	0.82	0.08	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH
Zinc, Total	4.2		mg/kg	4.1	0.57	2	07/22/15 14:45	07/23/15 20:13	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-38
 Client ID: DP-121-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/21/15 12:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6800		mg/kg	8.9	1.8	2	07/22/15 14:45	07/24/15 17:50	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/22/15 14:45	07/24/15 17:50	EPA 3050B	1,6010C	TT
Arsenic, Total	2.9		mg/kg	0.89	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Barium, Total	77		mg/kg	0.89	0.27	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Beryllium, Total	0.53		mg/kg	0.44	0.09	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Calcium, Total	8900		mg/kg	8.9	2.7	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Chromium, Total	11		mg/kg	0.89	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Cobalt, Total	6.3		mg/kg	1.8	0.44	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.89	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.4	1.8	2	07/22/15 14:45	07/24/15 17:50	EPA 3050B	1,6010C	TT
Lead, Total	230		mg/kg	4.4	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Magnesium, Total	1400		mg/kg	8.9	0.89	2	07/22/15 14:45	07/24/15 17:50	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	0.89	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Mercury, Total	0.23		mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:31	EPA 7471B	1,7471B	MC
Nickel, Total	8.6		mg/kg	2.2	0.36	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Potassium, Total	550		mg/kg	220	36.	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Selenium, Total	0.56	J	mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.89	0.18	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Sodium, Total	170	J	mg/kg	180	27.	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Vanadium, Total	17		mg/kg	0.89	0.09	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH
Zinc, Total	50		mg/kg	4.4	0.62	2	07/22/15 14:45	07/23/15 20:17	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-39
 Client ID: DP-121-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/15 12:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6700		mg/kg	9.0	1.8	2	07/22/15 14:45	07/24/15 17:54	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/22/15 14:45	07/24/15 17:54	EPA 3050B	1,6010C	TT
Arsenic, Total	3.0		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Barium, Total	58		mg/kg	0.90	0.27	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Beryllium, Total	0.49		mg/kg	0.45	0.09	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Calcium, Total	1200		mg/kg	9.0	2.7	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Chromium, Total	11		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Cobalt, Total	6.5		mg/kg	1.8	0.45	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.5	1.8	2	07/22/15 14:45	07/24/15 17:54	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.5	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Magnesium, Total	1700		mg/kg	9.0	0.90	2	07/22/15 14:45	07/24/15 17:54	EPA 3050B	1,6010C	TT
Manganese, Total	110		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:36	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.2	0.36	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Potassium, Total	380		mg/kg	220	36.	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Sodium, Total	130	J	mg/kg	180	27.	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Vanadium, Total	16		mg/kg	0.90	0.09	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH
Zinc, Total	43		mg/kg	4.5	0.63	2	07/22/15 14:45	07/23/15 20:21	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-40
 Client ID: DP-121-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 12:30
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	9.5	1.9	2	07/22/15 14:45	07/24/15 17:58	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/22/15 14:45	07/24/15 17:58	EPA 3050B	1,6010C	TT
Arsenic, Total	3.5		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Barium, Total	62		mg/kg	0.95	0.28	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Beryllium, Total	0.51		mg/kg	0.48	0.10	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Calcium, Total	170		mg/kg	9.5	2.8	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Cobalt, Total	7.1		mg/kg	1.9	0.48	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Copper, Total	10		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Iron, Total	19000		mg/kg	4.8	1.9	2	07/22/15 14:45	07/24/15 17:58	EPA 3050B	1,6010C	TT
Lead, Total	0.32	J	mg/kg	4.8	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Magnesium, Total	2600		mg/kg	9.5	0.95	2	07/22/15 14:45	07/24/15 17:58	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 20:38	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.4	0.38	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Potassium, Total	340		mg/kg	240	38.	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.95	0.19	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Sodium, Total	160	J	mg/kg	190	28.	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	0.95	0.10	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH
Zinc, Total	40		mg/kg	4.8	0.66	2	07/22/15 14:45	07/23/15 20:25	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-41
 Client ID: DP-121-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/21/15 12:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.5	1.9	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Arsenic, Total	1.6		mg/kg	0.95	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Barium, Total	95		mg/kg	0.95	0.28	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Beryllium, Total	0.78		mg/kg	0.47	0.10	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Calcium, Total	510		mg/kg	9.5	2.8	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Chromium, Total	25		mg/kg	0.95	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Cobalt, Total	9.4		mg/kg	1.9	0.47	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.95	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.7	1.9	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.7	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	9.5	0.95	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Manganese, Total	270		mg/kg	0.95	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 18:53	EPA 7471B	1,7471B	MC
Nickel, Total	15		mg/kg	2.4	0.38	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	240	38.	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	190	28.	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.95	0.10	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT
Zinc, Total	52		mg/kg	4.7	0.66	2	07/22/15 15:38	07/24/15 21:57	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-42
 Client ID: DP-122-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 07/21/15 13:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2600		mg/kg	8.4	1.7	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.67	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Arsenic, Total	0.84		mg/kg	0.84	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Barium, Total	8.3		mg/kg	0.84	0.25	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Beryllium, Total	0.32	J	mg/kg	0.42	0.08	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.84	0.06	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Calcium, Total	260		mg/kg	8.4	2.5	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.84	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Cobalt, Total	1.5	J	mg/kg	1.7	0.42	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Copper, Total	4.2		mg/kg	0.84	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.2	1.7	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Lead, Total	4.8		mg/kg	4.2	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Magnesium, Total	130		mg/kg	8.4	0.84	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Manganese, Total	32		mg/kg	0.84	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/24/15 04:24	07/24/15 19:00	EPA 7471B	1,7471B	MC
Nickel, Total	3.8		mg/kg	2.1	0.33	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Potassium, Total	140	J	mg/kg	210	33.	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.84	0.17	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Sodium, Total	62	J	mg/kg	170	25.	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.33	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Vanadium, Total	13		mg/kg	0.84	0.08	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT
Zinc, Total	9.0		mg/kg	4.2	0.58	2	07/22/15 15:38	07/24/15 22:01	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-43
 Client ID: DP-122-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/15 13:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7700		mg/kg	9.2	1.8	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Arsenic, Total	2.4		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Barium, Total	130		mg/kg	0.92	0.28	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Beryllium, Total	0.57		mg/kg	0.46	0.09	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Calcium, Total	11000		mg/kg	9.2	2.8	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Cobalt, Total	8.1		mg/kg	1.8	0.46	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Copper, Total	17		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.6	1.8	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Lead, Total	60		mg/kg	4.6	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Magnesium, Total	2700		mg/kg	9.2	0.92	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:02	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.3	0.37	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Potassium, Total	830		mg/kg	230	37.	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Sodium, Total	340		mg/kg	180	28.	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.92	0.09	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT
Zinc, Total	180		mg/kg	4.6	0.65	2	07/22/15 15:38	07/24/15 22:05	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-44
 Client ID: DP-122-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 14:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7500		mg/kg	9.1	1.8	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Arsenic, Total	1.1		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Barium, Total	67		mg/kg	0.91	0.27	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.45	0.09	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Calcium, Total	2000		mg/kg	9.1	2.7	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Cobalt, Total	7.8		mg/kg	1.8	0.45	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.5	1.8	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Lead, Total	19		mg/kg	4.5	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.1	0.91	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Manganese, Total	120		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Mercury, Total	0.10		mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:08	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.36	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Potassium, Total	510		mg/kg	230	36.	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Sodium, Total	160	J	mg/kg	180	27.	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.91	0.09	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT
Zinc, Total	43		mg/kg	4.5	0.64	2	07/22/15 15:38	07/24/15 22:28	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-45
 Client ID: DP-122-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/21/15 14:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9900		mg/kg	9.1	1.8	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Arsenic, Total	2.2		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Barium, Total	76		mg/kg	0.91	0.27	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Beryllium, Total	0.71		mg/kg	0.46	0.09	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Calcium, Total	130		mg/kg	9.1	2.7	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.8	0.46	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.8	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.6	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	9.1	0.91	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Manganese, Total	290		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:09	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.3	0.36	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Potassium, Total	400		mg/kg	230	36.	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Sodium, Total	130	J	mg/kg	180	27.	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.91	0.09	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT
Zinc, Total	47		mg/kg	4.6	0.64	2	07/22/15 15:38	07/24/15 22:31	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-46
 Client ID: DP-122-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 14:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.6	1.9	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Arsenic, Total	2.2		mg/kg	0.96	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Barium, Total	90		mg/kg	0.96	0.29	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Beryllium, Total	0.77		mg/kg	0.48	0.10	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Calcium, Total	520		mg/kg	9.6	2.9	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.96	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Cobalt, Total	7.3		mg/kg	1.9	0.48	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.96	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Iron, Total	25000		mg/kg	4.8	1.9	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.8	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Magnesium, Total	2400		mg/kg	9.6	0.96	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Manganese, Total	230		mg/kg	0.96	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:11	EPA 7471B	1,7471B	MC
Nickel, Total	15		mg/kg	2.4	0.38	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	240	38.	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.96	0.19	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Sodium, Total	130	J	mg/kg	190	29.	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Vanadium, Total	27		mg/kg	0.96	0.10	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT
Zinc, Total	47		mg/kg	4.8	0.67	2	07/22/15 15:38	07/24/15 22:35	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-47
 Client ID: DP-123-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/21/15 14:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3800		mg/kg	8.6	1.7	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Arsenic, Total	2.0		mg/kg	0.86	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Barium, Total	12		mg/kg	0.86	0.26	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Beryllium, Total	0.57		mg/kg	0.43	0.09	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Calcium, Total	270		mg/kg	8.6	2.6	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Chromium, Total	29		mg/kg	0.86	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Cobalt, Total	2.3		mg/kg	1.7	0.43	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Copper, Total	6.3		mg/kg	0.86	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.3	1.7	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Lead, Total	6.6		mg/kg	4.3	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Magnesium, Total	170		mg/kg	8.6	0.86	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Manganese, Total	43		mg/kg	0.86	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	07/24/15 04:24	07/24/15 19:13	EPA 7471B	1,7471B	MC
Nickel, Total	5.4		mg/kg	2.1	0.34	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Potassium, Total	210		mg/kg	210	34.	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Sodium, Total	200		mg/kg	170	26.	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Vanadium, Total	19		mg/kg	0.86	0.09	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT
Zinc, Total	14		mg/kg	4.3	0.60	2	07/22/15 15:38	07/24/15 22:39	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-48
 Client ID: DP-123-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/21/15 14:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6300		mg/kg	8.8	1.8	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.88	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Barium, Total	160		mg/kg	0.88	0.26	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Beryllium, Total	0.61		mg/kg	0.44	0.09	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Cadmium, Total	0.68	J	mg/kg	0.88	0.06	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Calcium, Total	11000		mg/kg	8.8	2.6	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Chromium, Total	80		mg/kg	0.88	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Cobalt, Total	11		mg/kg	1.8	0.44	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Copper, Total	52		mg/kg	0.88	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.4	1.8	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Lead, Total	140		mg/kg	4.4	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Magnesium, Total	12000		mg/kg	8.8	0.88	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.88	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Mercury, Total	0.29		mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:15	EPA 7471B	1,7471B	MC
Nickel, Total	90		mg/kg	2.2	0.35	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	220	35.	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Selenium, Total	2.2		mg/kg	1.8	0.26	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Sodium, Total	370		mg/kg	180	26.	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.88	0.09	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT
Zinc, Total	270		mg/kg	4.4	0.62	2	07/22/15 15:38	07/24/15 22:43	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-49
 Client ID: DP-123-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/21/15 14:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7700		mg/kg	9.3	1.9	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Arsenic, Total	1.3		mg/kg	0.93	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Barium, Total	71		mg/kg	0.93	0.28	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Calcium, Total	1200		mg/kg	9.3	2.8	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.93	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Cobalt, Total	7.2		mg/kg	1.9	0.46	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.93	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.6	1.9	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Lead, Total	16		mg/kg	4.6	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Magnesium, Total	2100		mg/kg	9.3	0.93	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Manganese, Total	100		mg/kg	0.93	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:17	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	2.3	0.37	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Potassium, Total	520		mg/kg	230	37.	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Sodium, Total	150	J	mg/kg	190	28.	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.93	0.09	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.6	0.65	2	07/22/15 15:38	07/24/15 22:46	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-50
 Client ID: DP-123-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Arsenic, Total	1.7		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Barium, Total	58		mg/kg	0.92	0.28	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Beryllium, Total	0.61		mg/kg	0.46	0.09	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Calcium, Total	160		mg/kg	9.2	2.8	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Cobalt, Total	15		mg/kg	1.8	0.46	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.6	1.8	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.6	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Magnesium, Total	2400		mg/kg	9.2	0.92	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Manganese, Total	430		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:19	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.37	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	230	37.	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	28.	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.92	0.09	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT
Zinc, Total	43		mg/kg	4.6	0.64	2	07/22/15 15:38	07/24/15 22:50	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-51
 Client ID: DP-123-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/21/15 14:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.0	1.8	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Arsenic, Total	2.1		mg/kg	0.90	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Barium, Total	80		mg/kg	0.90	0.27	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Beryllium, Total	0.67		mg/kg	0.45	0.09	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Calcium, Total	290		mg/kg	9.0	2.7	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Chromium, Total	27		mg/kg	0.90	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Cobalt, Total	5.3		mg/kg	1.8	0.45	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.90	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.5	1.8	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Lead, Total	10		mg/kg	4.5	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.0	0.90	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Manganese, Total	120		mg/kg	0.90	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 19:21	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	2.3	0.36	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Potassium, Total	460		mg/kg	230	36.	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	180	27.	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Vanadium, Total	34		mg/kg	0.90	0.09	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT
Zinc, Total	42		mg/kg	4.5	0.63	2	07/22/15 15:38	07/24/15 23:13	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-52
 Client ID: EB01-072115
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Calcium, Total	84.	J	ug/l	100	30.	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Chromium, Total	14.		ug/l	10.	2.0	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Iron, Total	1400		ug/l	50.	20.	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Magnesium, Total	13.	J	ug/l	100	10.	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Manganese, Total	17.2		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/23/15 15:50	07/23/15 23:27	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH
Zinc, Total	11.7	J	ug/l	50.0	7.00	1	07/23/15 14:07	07/24/15 18:12	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-40 Batch: WG805030-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.12	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.80	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Potassium, Total	ND	mg/kg	100	16.	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Sodium, Total	ND	mg/kg	80	12.	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/22/15 14:45	07/23/15 17:39	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 41-51 Batch: WG805062-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Barium, Total	ND	mg/kg	0.40	0.12	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Selenium, Total	0.12	J	mg/kg	0.80	0.12	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/22/15 15:38	07/24/15 19:33	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-40 Batch: WG805208-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/23/15 10:05	07/24/15 19:43	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 52 Batch: WG805286-1									
Aluminum, Total	ND	ug/l	100	20.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Antimony, Total	ND	ug/l	50.0	8.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Method Blank Analysis Batch Quality Control

Arsenic, Total	3.40	J	ug/l	5.00	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Calcium, Total	ND		ug/l	100	30.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Iron, Total	ND		ug/l	50	20.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Magnesium, Total	ND		ug/l	100	10.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Manganese, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Nickel, Total	ND		ug/l	25.0	4.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/23/15 14:07	07/24/15 17:25	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 52 Batch: WG805356-1										
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/23/15 15:50	07/23/15 23:18	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 41-51 Batch: WG805558-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/24/15 04:24	07/24/15 18:49	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 21-40 Batch: WG805030-2 SRM Lot Number: D088-540								
Aluminum, Total	79		-		48-151	-		
Antimony, Total	159		-		1-208	-		
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	90		-		83-117	-		
Cadmium, Total	87		-		83-117	-		
Calcium, Total	89		-		81-119	-		
Chromium, Total	87		-		80-120	-		
Cobalt, Total	86		-		84-115	-		
Copper, Total	90		-		81-118	-		
Iron, Total	89		-		45-155	-		
Lead, Total	82		-		81-117	-		
Magnesium, Total	81		-		76-124	-		
Manganese, Total	93		-		81-118	-		
Nickel, Total	86		-		83-117	-		
Potassium, Total	89		-		71-129	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	93		-		75-124	-		
Sodium, Total	88		-		72-127	-		
Thallium, Total	85		-		80-120	-		
Vanadium, Total	88		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-40 Batch: WG805030-2 SRM Lot Number: D088-540					
Zinc, Total	88	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 Batch: WG805062-2 SRM Lot Number: D088-540					
Aluminum, Total	80	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	97	-	83-117	-	
Cadmium, Total	91	-	83-117	-	
Calcium, Total	87	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	95	-	81-117	-	
Magnesium, Total	94	-	76-124	-	
Manganese, Total	96	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	100	-	75-124	-	
Sodium, Total	86	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	95	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 Batch: WG805062-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 21-40 Batch: WG805208-2 SRM Lot Number: D088-540					
Mercury, Total	95	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 Batch: WG805286-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	103	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	120	-	80-120	-	
Thallium, Total	105	-	80-120	-	
Vanadium, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 Batch: WG805286-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 52 Batch: WG805356-2					
Mercury, Total	97	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 41-51 Batch: WG805558-2 SRM Lot Number: D088-540					
Mercury, Total	80	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805030-4 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01												
Aluminum, Total	5200	169	6800	948	Q	-	-		75-125	-		20
Antimony, Total	ND	42.2	38	90		-	-		75-125	-		20
Arsenic, Total	2.8	10.1	11	81		-	-		75-125	-		20
Barium, Total	32.	169	200	100		-	-		75-125	-		20
Beryllium, Total	0.22J	4.22	4.3	102		-	-		75-125	-		20
Cadmium, Total	ND	4.3	3.6	84		-	-		75-125	-		20
Calcium, Total	29000	843	33000	474	Q	-	-		75-125	-		20
Chromium, Total	17.	16.9	30	77		-	-		75-125	-		20
Cobalt, Total	3.8	42.2	39	83		-	-		75-125	-		20
Copper, Total	10.	21.1	39	138	Q	-	-		75-125	-		20
Iron, Total	11000	84.3	9100	0	Q	-	-		75-125	-		20
Lead, Total	11.	43	44	77		-	-		75-125	-		20
Magnesium, Total	5000	843	6500	178	Q	-	-		75-125	-		20
Manganese, Total	110	42.2	180	166	Q	-	-		75-125	-		20
Nickel, Total	26.	42.2	53	64	Q	-	-		75-125	-		20
Potassium, Total	420	843	1400	116		-	-		75-125	-		20
Selenium, Total	0.45J	10.1	10	99		-	-		75-125	-		20
Silver, Total	ND	25.3	26	103		-	-		75-125	-		20
Sodium, Total	140J	843	1000	118		-	-		75-125	-		20
Thallium, Total	ND	10.1	7.1	70	Q	-	-		75-125	-		20
Vanadium, Total	23.	42.2	63	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805030-4 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01									
Zinc, Total	20.	42.2	53	78	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805062-4 QC Sample: L1515790-01 Client ID: MS Sample									
Aluminum, Total	9100	169	10000	531	Q	-	75-125	-	20
Antimony, Total	0.71J	42.4	35	83		-	75-125	-	20
Arsenic, Total	0.64J	10.2	12	118		-	75-125	-	20
Barium, Total	80.	169	250	100		-	75-125	-	20
Beryllium, Total	0.47	4.24	4.5	95		-	75-125	-	20
Cadmium, Total	0.46J	4.32	4.6	106		-	75-125	-	20
Calcium, Total	20000	847	20000	0	Q	-	75-125	-	20
Chromium, Total	15.	16.9	33	106		-	75-125	-	20
Cobalt, Total	6.4	42.4	44	89		-	75-125	-	20
Copper, Total	24.	21.2	49	118		-	75-125	-	20
Iron, Total	16000	84.7	19000	3540	Q	-	75-125	-	20
Lead, Total	120	43.2	200	185	Q	-	75-125	-	20
Magnesium, Total	3600	847	4900	153	Q	-	75-125	-	20
Manganese, Total	400	42.4	470	165	Q	-	75-125	-	20
Nickel, Total	14.	42.4	53	92		-	75-125	-	20
Potassium, Total	1200	847	2100	106		-	75-125	-	20
Selenium, Total	0.27J	10.2	9.7	95		-	75-125	-	20
Silver, Total	ND	25.4	26	102		-	75-125	-	20
Sodium, Total	270	847	1000	86		-	75-125	-	20
Thallium, Total	ND	10.2	8.3	82		-	75-125	-	20
Vanadium, Total	18.	42.4	63	106		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805062-4 QC Sample: L1515790-01 Client ID: MS Sample									
Zinc, Total	110	42.4	180	165	Q	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805208-4 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01									
Mercury, Total	0.02J	0.144	0.17	118	-	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805286-4 QC Sample: L1516903-52 Client ID: EB01-072115									
Aluminum, Total	ND	2000	2000	100	-	-	75-125	-	20
Antimony, Total	ND	500	525	105	-	-	75-125	-	20
Arsenic, Total	ND	120	133	111	-	-	75-125	-	20
Barium, Total	ND	2000	2010	100	-	-	75-125	-	20
Beryllium, Total	ND	50	50.6	101	-	-	75-125	-	20
Cadmium, Total	ND	51	61.2	120	-	-	75-125	-	20
Calcium, Total	84.J	10000	9900	99	-	-	75-125	-	20
Chromium, Total	14.	200	220	103	-	-	75-125	-	20
Cobalt, Total	ND	500	514	103	-	-	75-125	-	20
Copper, Total	ND	250	253	101	-	-	75-125	-	20
Iron, Total	1400	1000	2300	90	-	-	75-125	-	20
Lead, Total	ND	510	575	113	-	-	75-125	-	20
Magnesium, Total	13.J	10000	11000	110	-	-	75-125	-	20
Manganese, Total	17.2	500	512	99	-	-	75-125	-	20
Nickel, Total	ND	500	512	102	-	-	75-125	-	20
Potassium, Total	ND	10000	9800	98	-	-	75-125	-	20
Selenium, Total	ND	120	135	112	-	-	75-125	-	20
Silver, Total	ND	50	48.0	96	-	-	75-125	-	20
Sodium, Total	ND	10000	10000	100	-	-	75-125	-	20
Thallium, Total	ND	120	134	112	-	-	75-125	-	20
Vanadium, Total	ND	500	497	99	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805286-4 QC Sample: L1516903-52 Client ID: EB01-072115									
Zinc, Total	11.7J	500	547	109	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805356-3 WG805356-4 QC Sample: L1517023-01 Client ID: MS Sample									
Mercury, Total	ND	5	2.515	50	Q	2.580	Q	80-120	3
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805558-4 QC Sample: L1516903-41 Client ID: DP-121-SO-300-01									
Mercury, Total	0.03J	0.16	0.18	112	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805030-3 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01						
Aluminum, Total	5200	5900	mg/kg	13		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.8	2.7	mg/kg	4		20
Barium, Total	32.	37	mg/kg	14		20
Beryllium, Total	0.22J	0.21J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	29000	37000	mg/kg	24	Q	20
Chromium, Total	17.	18	mg/kg	6		20
Cobalt, Total	3.8	6.8	mg/kg	57	Q	20
Copper, Total	10.	14	mg/kg	33	Q	20
Iron, Total	11000	9200	mg/kg	18		20
Lead, Total	11.	11	mg/kg	0		20
Magnesium, Total	5000	5000	mg/kg	0		20
Manganese, Total	110	130	mg/kg	17		20
Nickel, Total	26.	30	mg/kg	14		20
Potassium, Total	420	460	mg/kg	9		20
Selenium, Total	0.45J	0.48J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	140J	150J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805030-3 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	23.	25	mg/kg	8	20
Zinc, Total	20.	20	mg/kg	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805062-3 QC Sample: L1515790-01 Client ID: DUP Sample					
Aluminum, Total	9100	9700	mg/kg	6	20
Antimony, Total	0.71J	0.83J	mg/kg	NC	20
Arsenic, Total	0.64J	0.23J	mg/kg	NC	20
Barium, Total	80.	98	mg/kg	20	20
Beryllium, Total	0.47	0.49	mg/kg	4	20
Cadmium, Total	0.46J	1.0	mg/kg	NC	20
Calcium, Total	20000	17000	mg/kg	16	20
Chromium, Total	15.	17	mg/kg	13	20
Cobalt, Total	6.4	6.8	mg/kg	6	20
Copper, Total	24.	30	mg/kg	22	Q 20
Iron, Total	16000	20000	mg/kg	22	Q 20
Lead, Total	120	180	mg/kg	40	Q 20
Magnesium, Total	3600	4200	mg/kg	15	20
Manganese, Total	400	440	mg/kg	10	20
Nickel, Total	14.	15	mg/kg	7	20
Potassium, Total	1200	1300	mg/kg	8	20
Selenium, Total	0.27J	0.43J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	270	220	mg/kg	20	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805062-3 QC Sample: L1515790-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	18.	20	mg/kg	11	20
Zinc, Total	110	220	mg/kg	67 Q	20
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805208-3 QC Sample: L1516903-21 Client ID: DP-118-SO-010-01					
Mercury, Total	0.02J	0.06J	mg/kg	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805286-3 QC Sample: L1516903-52 Client ID: EB01-072115					
Aluminum, Total	ND	ND	ug/l	NC	20
Antimony, Total	ND	ND	ug/l	NC	20
Arsenic, Total	ND	ND	ug/l	NC	20
Barium, Total	ND	ND	ug/l	NC	20
Beryllium, Total	ND	ND	ug/l	NC	20
Cadmium, Total	ND	ND	ug/l	NC	20
Calcium, Total	84.J	73.J	ug/l	NC	20
Chromium, Total	14.	14	ug/l	0	20
Cobalt, Total	ND	ND	ug/l	NC	20
Copper, Total	ND	ND	ug/l	NC	20
Iron, Total	1400	1400	ug/l	0	20
Lead, Total	ND	ND	ug/l	NC	20
Magnesium, Total	13.J	13.J	ug/l	NC	20
Manganese, Total	17.2	16.8	ug/l	2	20
Nickel, Total	ND	ND	ug/l	NC	20
Potassium, Total	ND	ND	ug/l	NC	20
Selenium, Total	ND	ND	ug/l	NC	20
Silver, Total	ND	ND	ug/l	NC	20
Sodium, Total	ND	ND	ug/l	NC	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 52 QC Batch ID: WG805286-3 QC Sample: L1516903-52 Client ID: EB01-072115					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	ND	ND	ug/l	NC	20
Zinc, Total	11.7J	10.3J	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 41-51 QC Batch ID: WG805558-3 QC Sample: L1516903-41 Client ID: DP-121-SO-300-01					
Mercury, Total	0.03J	0.02J	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-01
 Client ID: DP-115-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 07:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-02
 Client ID: DP-115-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 07:52
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-03
 Client ID: DP-115-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 07:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-04
 Client ID: DP-115-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 07:58
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-05
 Client ID: DP-115-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-06
 Client ID: DP-115-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:03
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-07
 Client ID: DP-115-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-08
 Client ID: DP-115-SO-200-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:07
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-09
 Client ID: DP-115-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-10
 Client ID: DP-115-SO-300-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:12
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-11
 Client ID: DP-116-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-12
 Client ID: DP-116-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:30
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-13
 Client ID: DP-116-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-14
 Client ID: DP-116-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-15
 Client ID: DP-116-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 08:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-16
 Client ID: DP-117-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 09:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-17
 Client ID: DP-117-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 09:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-18
 Client ID: DP-117-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 09:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-19
 Client ID: DP-117-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 09:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-20
 Client ID: DP-117-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 09:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-21
 Client ID: DP-118-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-22
 Client ID: DP-118-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:22
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-23
 Client ID: DP-118-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-24
 Client ID: DP-118-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-25
 Client ID: DP-118-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-26
 Client ID: DP-118-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-27
 Client ID: DP-119-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 10:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-28
 Client ID: DP-119-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-29
 Client ID: DP-119-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-30
 Client ID: DP-119-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/23/15 00:21	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-31
 Client ID: DP-119-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-32
 Client ID: DP-120-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-33
 Client ID: DP-120-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-34
 Client ID: DP-120-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 11:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-35
 Client ID: DP-120-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-36
 Client ID: DP-120-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-37
 Client ID: DP-121-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:15
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-38
 Client ID: DP-121-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:20
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-39
 Client ID: DP-121-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:25
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-40
 Client ID: DP-121-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:30
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-41
 Client ID: DP-121-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 12:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-42
 Client ID: DP-122-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 13:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-43
 Client ID: DP-122-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 13:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-44
 Client ID: DP-122-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:00
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-45
 Client ID: DP-122-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:05
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-46
 Client ID: DP-122-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:10
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	07/22/15 15:05	30,2540G	SG



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-47
 Client ID: DP-123-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:35
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-48
 Client ID: DP-123-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:40
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-49
 Client ID: DP-123-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:45
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-50
 Client ID: DP-123-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:50
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516903

Project Number: 40223-002

Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516903-51
 Client ID: DP-123-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/21/15 14:55
 Date Received: 07/21/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/23/15 00:47	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 11-20,41-46 QC Batch ID: WG805054-1 QC Sample: L1516903-11 Client ID: DP-116-SO-010-01						
Solids, Total	86.7	89.5	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-10,21-30 QC Batch ID: WG805173-1 QC Sample: L1516903-01 Client ID: DP-115-SO-010-01						
Solids, Total	87.2	90.7	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 31-40,47-51 QC Batch ID: WG805177-1 QC Sample: L1514184-10 Client ID: DUP Sample						
Solids, Total	86.2	86.2	%	0		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent
B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-01A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-01A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-01B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-02A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-02A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-02B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-03A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-03A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-03B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-04A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-04A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-04B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-05A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-05A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-05B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-06A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-06A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-06B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-07A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-07A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-07B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-08A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-08A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-08B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-09A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-09A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-09B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-10A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-10A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-10B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-11A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-11A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-11B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-11C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-12A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-12A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-12B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-12C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-13A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-13A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-13B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-13C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-14A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-14A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-14B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-14C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-15A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-15A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-15B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-15C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-16A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-16A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-16B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516903
Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-16C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-17A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-17A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-17B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-17C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-18A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-18A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-18B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-18C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-19A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-19A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-19B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-19C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-20A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516903-20A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-20B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-20C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1516903-21A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-21A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-21B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516903

Report Date: 07/27/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-21C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-22A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-22A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-22B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-22C	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-23A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-23A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-23B	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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L1516903-23C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-24A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-24A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-24B	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-24C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-25A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-25A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-25B	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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L1516903-25C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-26A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-26A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-26B	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-26C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-27A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-27A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-27B	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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L1516903-27C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-28A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-28A9	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1516903-28B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-28C	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-29A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-29A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-29B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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L1516903-30A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-30A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-30B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-30C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-31A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-31A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-31B	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-31C	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-32A	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-32A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-32B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-33A	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-33A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-33B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-34A	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-34A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-34B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-35A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-35A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

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L1516903-35B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-36A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-36A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-36B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-37A	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-37A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-37B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-38A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-38A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

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L1516903-38B	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-38C	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-39A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-39A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-39B	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-39C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-40A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-40A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-40B	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-40C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-41A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-41A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-41B	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-41C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-42A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-42A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516903-42B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-42C	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-43A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-43A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-43B	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-43C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-44A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-44A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516903-44B	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-44C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-45A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-45A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-45B	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-45C	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-46A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-46A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516903-46B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-46C	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-47A	Vial Large Septa unpreserved (40	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-47A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-47B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-48A	Vial Large Septa unpreserved (40	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-48A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-48B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-49A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-49A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-49B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-50A	Vial Large Septa unpreserved (4o	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-50A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-50B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-51A	Glass 120ml/4oz unpreserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516903-51A9	Vial MeOH preserved split	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-51B	Glass 250ml/8oz unpreserved	B	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516903-52A	Vial HCl preserved	B	N/A	3.9	Y	Absent	PA-8260(14)
L1516903-52B	Vial HCl preserved	B	N/A	3.9	Y	Absent	PA-8260(14)
L1516903-52C	Vial HCl preserved	B	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516903-52D	Amber 1000ml unpreserved	B	8	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516903-52E	Amber 1000ml unpreserved	B	8	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516903-52F	Amber 1000ml unpreserved	B	8	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516903-52G	Plastic 250ml HNO3 preserved	B	<2	3.9	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1516903-53A	Vial HCl preserved	B	N/A	3.9	Y	Absent	PA-8260(14)
L1516903-53B	Vial HCl preserved	B	N/A	3.9	Y	Absent	PA-8260(14)

*Values in parentheses indicate holding time in days

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Report Date: 07/27/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 6

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1576903

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 4 day (Mon 7/27)
Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1-4oz jar for VOC

ANALYSIS

TPH (EPA 816)

PAH (EPA 8210C)

~~FAH (EPA 8210C)~~

BTEX (EPA 8260)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS							TOTAL # BOTTLES		
		Date	Time			TPH (EPA 816)	PAH (EPA 8210C)	FAH (EPA 8210C)	BTEX (EPA 8260)	Other 1	Other 2	Other 3		Other 4	
16903	21 DP-115-SO-010-01	7/21/15	0756	SO	MK	X	X		X						2
	22 DP-115-SO-010-02		0752			X	X		X						2
	23 DP-115-SO-050-01		0755			X	X		X						2
	24 DP-115-SO-050-02		0758			X	X		X						2
	25 DP-115-SO-100-01		0806			X	X		X						2
	26 DP-115-SO-100-02		0803			X	X		X						2
	27 DP-115-SO-200-01		0805			X	X		X						2
	28 DP-115-SO-200-02		0807			X	X		X						2
	29 DP-115-SO-300-01		0810			X	X		X						2
	30 DP-115-SO-300-02		0812			X	X		X						2

Container Type _____
Preservative _____

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
C. Tschupeln	7/21/15 15:05	Allyl J...	7/21/15 15:05
J...	7/21/15 20:00	Charles...	7/21/15 20:00
Charles...	7/22/15 9:55	E...	7/22/15 9:55

CHAIN OF CUSTODY

PAGE 2 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 4 day (7/27) Time:

ANALYSIS

TPH (6-244) (BOLUS)

PAM (82700)

BTEX (8000)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7127
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1x 462 jar for VOC sample

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TPH (6-244) (BOLUS)	PAM (82700)	BTEX (8000)		
16903 -11	DP-116-50-010-01	7/21/15	0825	SO	MK	X	X	X		3
-12	DP-116-50-050-01		0830			X	X	X		3
-13	DP-116-50-100-01		0835			X	X	X		3
-14	DP-116-50-200-01		0840			X	X	X		3
-15	DP-116-50-300-01		0845			X	X	X		3
-16	DP-117-50-010-01		0905			X	X	X		3
-17	DP-117-50-050-01		0910			X	X	X		3
-18	DP-117-50-100-01		0915			X	X	X		3
-19	DP-117-50-200-01		0920			X	X	X		3
-20	DP-117-50-300-01		0925			X	X	X		3

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

C. Tshybehn
T. W. H.
Chad R. P...

7/21/15 15:05
7/21/15 20:00
7/22/15 9:50

AAC T. W. H.
Chad R. P...
E. ...

7/21/15 15:05
7/21/15 20:00
7/22/15 9:55

CHAIN OF CUSTODY

PAGE 3 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/27 4 day Time:

Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
hold 1-4oz jar for VOC

ANALYSIS											TOTAL # BOTTLES	
	TAL Metals (6010)	TPH (6-644)	PAH (6015)									SAMPLE HANDLING

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials											Sample Specific Comments									
		Date	Time																						
<u>16903-21</u>	<u>DP-118-S0-010-01</u>	<u>7/21/15</u>	<u>10:20</u>	<u>SU</u>	<u>MK</u>	X	X	X																	<u>3</u>
<u>-22</u>	<u>DP-118-S0-010-02</u>		<u>10:22</u>			X	X	X																	<u>3</u>
<u>-23</u>	<u>DP-118-S0-050-01</u>		<u>10:20</u>			Y	X	X																	<u>3</u>
<u>-24</u>	<u>DP-118-S0-100-01</u>		<u>10:25</u>			X	X	X																	<u>3</u>
<u>-25</u>	<u>DP-118-S0-200-01</u>		<u>10:35</u>			X	X	X																	<u>3</u>
<u>-26</u>	<u>DP-118-S0-300-01</u>		<u>10:40</u>			X	X	X																	<u>3</u>
<u>-27</u>	<u>DP-119-S0-010-01</u>		<u>10:55</u>			X	X	X																	<u>3</u>
<u>-28</u>	<u>DP-119-S0-050-01</u>		<u>11:00</u>			X	X	X																	<u>3</u>
<u>-29</u>	<u>DP-119-S0-000-01</u>		<u>11:05</u>			Y	X	X															<u>low sample volume</u>	<u>2</u>	
<u>-30</u>	<u>DP-119-S0-200-01</u>		<u>11:10</u>			X	X	X																	<u>3</u>

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubel</u>	<u>7/21/15 15:05</u>	<u>AKC TWK</u>	<u>7/21/15 15:05</u>
<u>TW</u>	<u>7/21/15 20:00</u>	<u>Charles Renna</u>	<u>7/21/15 20:00</u>
<u>Charles Renna</u>	<u>7/22/15 9:55</u>	<u>Ej</u>	<u>7/22/15 9:55</u>

CHAIN OF CUSTODY

PAGE 4 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/27 4 day Time:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
add 1 x 4oz for VOC

Regulatory Requirements/Report Limits

State /Fed Program Criteria

ANALYSIS	TAL Metals (6010)																			
	TPH (6010)																			
	PAH (82700)																			

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES					
		Date	Time			TAL Metals (6010)	TPH (6010)	PAH (82700)														
16903 -31	DP-119-50-300-01	7/21/15	11:15	SO	MK	X	X	X														
-32	DP-120-50-010-01		11:45			X	X	X														2
-33	DP-120-50-050-01		11:50			X	X	X														2
-34	DP-120-50-100-01		11:55			X	X	X														2
-35	DP-120-50-200-01		12:00			X	X	X														2
-36	DP-120-50-300-01		12:05			X	X	X														2
-37	DP-121-50-010-01		12:15			X	X	X														2
-38	DP-121-50-050-01		12:26			X	X	X														3
-39	DP-121-50-100-01		12:25			X	X	X														3
-40	DP-121-50-200-01		12:30			X	X	X														3

Container Type																						
Preservative																						

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubert</u>	<u>7/21/15 15:05</u>	<u>AACT West</u>	<u>7/21/15 15:05</u>
<u>T. West</u>	<u>7/21/15 20:00</u>	<u>Chad Reinborn</u>	<u>7/21/15 20:00</u>
<u>Chad Reinborn</u>	<u>7/22/15 9:55</u>	<u>Egert</u>	<u>7/22/15 9:55</u>

CHAIN OF CUSTODY

PAGE 5 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location: 40223-002

Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/27 4 day Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122

email: h.kennard@haleyaldrich.com

Email:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1-40₂ for VOC

ANALYSIS

TAL Metals (6010)

TPH GC/MS (8015)

PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH GC/MS (8015)	PAH (8270C)		
16903 -41	DP-121-50-366-01	7/21/15	1235	SO	MK	X	X	X		3
-42	DP-122-50-010-01		1350			X	X	X		3
-43	DP-122-50-050-01		1355			X	X	X		3
-44	DP-122-50-100-01		14:00			X	X	X		3
-45	DP-122-50-200-02		14:05			X	X	X		3
-46	DP-122-50-300-02		14:10			X	X	X		3
-47	DP-123-50-010-01		14:35			X	X	X		2
-48	DP-123-50-050-01		14:40			X	X	X		2
-49	DP-123-50-100-01		14:45			X	X	X		2
-50	DP-123-50-200-01		14:50			X	X	X		2

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. T. Schube</u>	<u>07/21/15 15:20S</u>	<u>AAC TUM</u>	<u>7/21/15 15:05</u>
<u>J. W. H.</u>	<u>7/21/15 20:00</u>	<u>Chad D...</u>	<u>7/21/15 20:00</u>
<u>Chad D...</u>	<u>7/22/15 9:55</u>	<u>Erin</u>	<u>7/22/15 9:55</u>

CHAIN OF CUSTODY

PAGE 6 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/27 Time: 4 day

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108

Phone: 619-285-7122

Fax:

Email: d.kennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold one 4 oz jar for voc

ANALYSIS
TOTAL METALS (6010)
TPH (6646) (44) (8015)
PAH's (8270c)

SAMPLE HANDLING
 Filtration _____
 Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TOTAL METALS (6010)	TPH (6646) (44) (8015)	PAH's (8270c)		
<u>16903-51</u>	<u>DP-123-SO-300-01</u>	<u>07/21/15</u>	<u>14:55</u>	<u>SO</u>	<u>MK</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-52</u>	<u>EB01-072115</u>		<u>14:50</u>	<u>W</u>	<u>CT</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>7</u>
<u>-53</u>	<u>TB01-072115</u>		<u>14:50</u>	<u>W</u>	<u>CT</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>

Container Type	
Preservative	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Christina Tschubert</u>	<u>07/21/15 15:05</u>	<u>AAC Tschubert</u>	<u>7/21/15 15:05</u>
<u>JWH</u>	<u>7/21/15 20:00</u>	<u>Charles Kerner</u>	<u>7/21/15 20:00</u>
<u>Charles Kerner</u>	<u>7/22/15 9:55</u>	<u>Ernst</u>	<u>7/22/15 9:55</u>

CHAIN OF CUSTODY

PAGE 1 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1576903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 4 day (Mon 7/27)
Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1-4oz jar for VOC

ANALYSIS TPH (6+44 (EPA BC15)) PAH (EPA BC15) THC (EPA BC15) BTEX (EPA B266)	SAMPLE HANDLING		TOTAL # BOTTLES
	Filtration _____ <input type="checkbox"/> Done <input type="checkbox"/> Not needed <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please specify below)		
Sample Specific Comments			

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis						Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			TPH	PAH	THC	BTEX	VOC	SVOC			Metals
<u>16903 21</u>	<u>DP-115-50-010-01</u>	<u>7/21/15</u>	<u>0756</u>	<u>SO</u>	<u>MK</u>	X	X		X					<u>2</u>
<u>22</u>	<u>DP-115-50-010-02</u>		<u>0752</u>			X	X		X					<u>2</u>
<u>23</u>	<u>DP-115-50-050-01</u>		<u>0755</u>			X	X		X					<u>2</u>
<u>24</u>	<u>DP-115-50-050-02</u>		<u>0758</u>			X	X		X					<u>2</u>
<u>25</u>	<u>DP-115-50-100-01</u>		<u>0806</u>			X	X		X					<u>2</u>
<u>26</u>	<u>DP-115-50-100-02</u>		<u>0803</u>			X	X		X					<u>2</u>
<u>27</u>	<u>DP-115-50-200-01</u>		<u>0805</u>			X	X		X					<u>2</u>
<u>28</u>	<u>DP-115-50-200-02</u>		<u>0807</u>			X	X		X					<u>2</u>
<u>29</u>	<u>DP-115-50-300-01</u>		<u>0810</u>			X	X		X					<u>2</u>
<u>30</u>	<u>DP-115-50-300-02</u>		<u>0812</u>			X	X		X					<u>2</u>

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time

C. Tschubert
TWJ

07/21/15 15:05
7/21/15

AKL Tschubert
Ernst

7/21/15 15:03
7/22/15 9:55

CHAIN OF CUSTODY

PAGE 2 OF 2



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1516903

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 4 day (7/27) Time:

Report Information - Data Deliverables

- FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program

Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego CA 92108

Phone: 619-285-7127

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1x 462 jar for VOC sample

ANALYSIS	TPH (6244) (8015)	PAH (8270C)	BTEX (8200)	SAMPLE HANDLING				TOTAL # BOTTLES
				Filtration _____ <input type="checkbox"/> Done <input type="checkbox"/> Not needed <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please specify below)				
				Sample Specific Comments				

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			TPH (6244) (8015)	PAH (8270C)	BTEX (8200)	
16903 -11	DP-116-50-010-01	7/21/15	0825	SO	MK	X	X	X	3
-12	DP-116-90-050-01	↓	0830	↓	↓	X	X	X	3
-13	DP-116-50-100-01		0835			X	X	X	3
-14	DP-116-50-200-01		0840			X	X	X	3
-15	DP-116-50-300-01		0845			X	X	X	3
-16	DP-117-50-010-01		0905			X	X	X	3
-17	DP-117-50-050-01		0910			X	X	X	3
-18	DP-117-50-100-01		0915			X	X	X	3
-19	DP-117-50-200-01		0920			X	X	X	3
-20	DP-117-50-300-01		0925			X	X	X	3

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

C. Tshjebelw
T WJ

7/21/15 15:05
7/24/15

APC T WJ
Ep...

7/21/15 15:05
7/22/15 9:55

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CHAIN OF CUSTODY

PAGE 3 OF 6

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/27 Time: 4 day

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Email: d.kennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
hold 1- 4oz jar for VOC

ANALYSIS

TAL Metals (6010)
TPH (6-144) (6015)
PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis										TOTAL # BOTTLES							
		Date	Time			1	2	3	4	5	6	7	8	9	10								
16903-21	DP-118-50-010-01	7/21/15	10:20	SU	MK	X	X	X															3
-22	DP-118-50-010-02		10:22			X	X	X															3
-23	DP-118-50-050-01		10:20			X	X	X															3
-24	DP-118-50-100-01		10:25			X	X	X															3
-25	DP-118-50-200-01		10:35			X	X	X															3
-26	DP-118-50-300-01		10:40			X	X	X															3
-27	DP-119-50-010-01		10:55			X	X	X															3
-28	DP-119-50-050-01		11:00			X	X	X															3
-29	DP-119-50- 000 -01		11:05			X	X	X															2
-30	DP-119-50-200-01		11:10			X	X	X															3

low sample volume

Relinquished By:		Date/Time	Received By:		Date/Time
<u>C. Tschubel</u>		<u>7/21/15 15:05</u>	<u>ARC TWA</u>		<u>7/21/15 15:05</u>
<u>T. Jeff</u>		<u>7/21/15</u>	<u>E. [Signature]</u>		<u>7/22/15 9:55</u>

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CHAIN OF CUSTODY

PAGE 4 OF 6



WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

MANSFIELD, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
 Project Location:
 Project #: 40223-002
 Project Manager:
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
 Address: 5333 Mission Center Rd
San Diego CA 92108
 Phone: 619-285-7122
 Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
 Date Due: 7/27 4 days Time:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1 x 4oz for VOC

ANALYSIS

TAL Metals (6010)
TPH (6024)
PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH (6024)	PAH (8270C)		
16903 -31	DP-119-50-300-01	7/21/15	11:15	SO	MK	X	X	X		
-32	DP-120-50-010-01	↓	11:45	↓	↓	X	X	X		2
-33	DP-120-50-050-01		11:50			X	X	X		2
-34	DP-120-50-100-01		11:55			X	X	X		2
-35	DP-120-50-200-01		12:00			X	X	X		2
-36	DP-120-50-300-01		12:05			X	X	X		2
-37	DP-121-50-010-01		12:15			X	X	X		2
-38	DP-121-50-050-01		12:26			X	X	X		3
-39	DP-121-50-100-01		12:25			X	X	X		3
-40	DP-121-50-200-01		12:30			X	X	X		3

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

C. Tschubert
TWP

07/21/15 15:05
7/21/15

AACT WSP
Egret

7/21/15 15:05
7/22/15 0855

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CHAIN OF CUSTODY

PAGE 5 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location: 40223-002

Project #:
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/27 4 day Time:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 9408
Phone: 619-285-7122

Email: kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1-40₂ for VOC

ANALYSIS	TAL Metals (6010)	
	TPH (6004) (8015)	
	PAH (8270C)	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH (6004) (8015)	PAH (8270C)		
16903 -41	DP-121-50-300-01	7/21/15	1235	SO	MK	X	X	X		3
-42	DP-122-50-010-01		1350			X	X	X		3
-43	DP-122-50-050-01		1355			X	X	X		3
-44	DP-122-50-100-01		14:00			X	X	X		3
-45	DP-122-50-200-02		14:05			X	X	X		3
-46	DP-122-50-300-02		14:10			X	X	X		3
-47	DP-123-50-010-01		14:35			X	X	X		2
-48	DP-123-50-050-01		14:40			X	X	X		2
-49	DP-123-50-100-01		14:45			X	X	X		2
-50	DP-123-50-200-01		14:50			X	X	X		2

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubeh</u>	<u>07/21/15 2:05</u>	<u>MAC TLU</u>	<u>7/21/15 15:05</u>
<u>TUJA</u>	<u>7/21/15</u>	<u>[Signature]</u>	<u>7/22/15 9:55</u>

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CHAIN OF CUSTODY

PAGE 6 OF 6

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/27 Time: 4 day

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

Hold one 4 oz jar for voc

ANALYSIS										TOTAL # BOTTLES	
1AL METALS (6010)	TPH (666)	PAH's (8270C)	BTEX (8260)	VOL's (8260)	SAMPLE HANDLING						
					Filtration _____						
					<input type="checkbox"/> Done						
					<input type="checkbox"/> Not needed						
					<input type="checkbox"/> Lab to do Preservation						
					<input type="checkbox"/> Lab to do						
					(Please specify below)						
					Sample Specific Comments						

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					TOTAL # BOTTLES	
		Date	Time			1AL METALS (6010)	TPH (666)	PAH's (8270C)	BTEX (8260)	VOL's (8260)		
<u>16903-51</u>	<u>DP-123-50-300-01</u>	<u>07/21/15</u>	<u>14:55</u>	<u>SO</u>	<u>MK</u>	X	X	X				<u>2</u>
<u>52</u>	<u>EB01-072115</u>		<u>14:50</u>	<u>W</u>	<u>CT</u>	X	X	X	X			<u>7</u>
<u>53</u>	<u>TB01-072115</u>		<u>14:50</u>	<u>W</u>	<u>CT</u>	X	X	X	X			<u>2</u>

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Christian Tschubert
TW

07/21/15 15:05
7/21/15

AAC T W

7/21/15 15:05

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CHAIN OF CUSTODY

PAGE 6 OF 6



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516903

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: HALEY & ALDRICH
Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@HALEYALDRICH.COM
 These samples have been previously analyzed by Alpha

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/27
Time: 4 day

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

Hold one 4 oz jar for VOC

ANALYSIS	TOTAL METALS (GDID)				
	TPH (6 to CH) (BIS)				
	PAH's (B270C)				
SAMPLE HANDLING					
Filtration _____					
<input type="checkbox"/> Done					
<input type="checkbox"/> Not needed					
<input type="checkbox"/> Lab to do					
Preservation					
<input type="checkbox"/> Lab to do					
<small>(Please specify below)</small>					
Sample Specific Comments					

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			TOTAL METALS (GDID)	TPH (6 to CH) (BIS)	PAH's (B270C)	
16903-51	DP-123-50-300-01	07/21/15	14:55	SO	MK	X	X	X	2
52	EB01-072115		14:50	W	CT	X	X	X	7
53	TB01-072115		14:50	W	CT	X	X	X	2

		Container Type	
		Preservative	
Relinquished By:	Date/Time	Received By:	Date/Time
Christian Tschubert JWA	07/21/15 15:05 7/24/15	AAL T W C	7/21/15 15:05 7/22/15 9:55

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ANALYTICAL REPORT

Lab Number:	L1516980
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	08/02/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516980-01	DP-124-SO-010-01	SOIL	Not Specified	07/22/15 07:45	07/22/15
L1516980-02	DP-124-SO-050-01	SOIL	Not Specified	07/22/15 07:50	07/22/15
L1516980-03	DP-124-SO-100-01	SOIL	Not Specified	07/22/15 07:58	07/22/15
L1516980-04	DP-124-SO-200-01	SOIL	Not Specified	07/22/15 08:00	07/22/15
L1516980-05	DP-124-SO-300-01	SOIL	Not Specified	07/22/15 08:02	07/22/15
L1516980-06	DP-125-SO-010-01	SOIL	Not Specified	07/22/15 08:10	07/22/15
L1516980-07	DP-125-SO-050-01	SOIL	Not Specified	07/22/15 08:15	07/22/15
L1516980-08	DP-125-SO-100-01	SOIL	Not Specified	07/22/15 08:18	07/22/15
L1516980-09	DP-125-SO-100-02	SOIL	Not Specified	07/22/15 08:20	07/22/15
L1516980-10	DP-125-SO-200-01	SOIL	Not Specified	07/22/15 08:23	07/22/15
L1516980-11	DP-125-SO-300-01	SOIL	Not Specified	07/22/15 08:25	07/22/15
L1516980-12	DP-126-SO-010-01	SOIL	Not Specified	07/22/15 08:35	07/22/15
L1516980-13	DP-126-SO-050-01	SOIL	Not Specified	07/22/15 08:38	07/22/15
L1516980-14	DP-126-SO-100-01	SOIL	Not Specified	07/22/15 08:40	07/22/15
L1516980-15	DP-126-SO-200-01	SOIL	Not Specified	07/22/15 08:43	07/22/15
L1516980-16	DP-126-SO-300-01	SOIL	Not Specified	07/22/15 08:45	07/22/15
L1516980-17	DP-127-SO-010-01	SOIL	Not Specified	07/22/15 09:12	07/22/15
L1516980-18	DP-127-SO-050-01	SOIL	Not Specified	07/22/15 09:15	07/22/15
L1516980-19	DP-127-SO-100-01	SOIL	Not Specified	07/22/15 09:20	07/22/15
L1516980-20	DP-127-SO-200-01	SOIL	Not Specified	07/22/15 09:22	07/22/15
L1516980-21	DP-127-SO-300-01	SOIL	Not Specified	07/22/15 09:25	07/22/15
L1516980-22	DP-128-SO-010-01	SOIL	Not Specified	07/22/15 09:40	07/22/15
L1516980-23	DP-128-SO-050-01	SOIL	Not Specified	07/22/15 09:43	07/22/15
L1516980-24	DP-128-SO-100-01	SOIL	Not Specified	07/22/15 09:45	07/22/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516980-25	DP-128-SO-200-01	SOIL	Not Specified	07/22/15 09:48	07/22/15
L1516980-26	DP-128-SO-300-01	SOIL	Not Specified	07/22/15 09:50	07/22/15
L1516980-27	DP-129-SO-010-01	SOIL	Not Specified	07/22/15 10:30	07/22/15
L1516980-28	DP-129-SO-050-01	SOIL	Not Specified	07/22/15 10:35	07/22/15
L1516980-29	DP-129-SO-100-01	SOIL	Not Specified	07/22/15 10:40	07/22/15
L1516980-30	DP-129-SO-200-01	SOIL	Not Specified	07/22/15 10:45	07/22/15
L1516980-31	DP-129-SO-300-01	SOIL	Not Specified	07/22/15 10:48	07/22/15
L1516980-32	DP-130-SO-010-01	SOIL	Not Specified	07/22/15 10:50	07/22/15
L1516980-33	DP-130-SO-050-01	SOIL	Not Specified	07/22/15 10:52	07/22/15
L1516980-34	DP-130-SO-100-01	SOIL	Not Specified	07/22/15 10:55	07/22/15
L1516980-35	DP-130-SO-200-01	SOIL	Not Specified	07/22/15 11:00	07/22/15
L1516980-36	DP-130-SO-300-01	SOIL	Not Specified	07/22/15 11:05	07/22/15
L1516980-37	DP-131-SO-010-01	SOIL	Not Specified	07/22/15 11:22	07/22/15
L1516980-38	DP-131-SO-050-01	SOIL	Not Specified	07/22/15 11:25	07/22/15
L1516980-39	DP-131-SO-100-01	SOIL	Not Specified	07/22/15 11:30	07/22/15
L1516980-40	DP-131-SO-200-01	SOIL	Not Specified	07/22/15 11:33	07/22/15
L1516980-41	DP-132-SO-010-01	SOIL	Not Specified	07/22/15 13:30	07/22/15
L1516980-42	DP-132-SO-050-01	SOIL	Not Specified	07/22/15 13:35	07/22/15
L1516980-43	DP-132-SO-100-01	SOIL	Not Specified	07/22/15 13:40	07/22/15
L1516980-44	DP-132-SO-200-01	SOIL	Not Specified	07/22/15 13:42	07/22/15
L1516980-45	DP-133-SO-010-01	SOIL	Not Specified	07/22/15 14:15	07/22/15
L1516980-46	DP-133-SO-050-01	SOIL	Not Specified	07/22/15 14:20	07/22/15
L1516980-47	DP-133-SO-100-01	SOIL	Not Specified	07/22/15 14:25	07/22/15
L1516980-48	DP-133-SO-200-01	SOIL	Not Specified	07/22/15 14:30	07/22/15
L1516980-49	DP-133-SO-300-01	SOIL	Not Specified	07/22/15 14:35	07/22/15
L1516980-50	DP-133-SO-100-02	SOIL	Not Specified	07/22/15 14:26	07/22/15
L1516980-51	DP-134-SO-010-01	SOIL	Not Specified	07/22/15 15:00	07/22/15
L1516980-52	DP-134-SO-050-01	SOIL	Not Specified	07/22/15 15:05	07/22/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516980-53	DP-134-SO-100-01	SOIL	Not Specified	07/22/15 15:08	07/22/15
L1516980-54	DP-134-SO-200-01	SOIL	Not Specified	07/22/15 15:10	07/22/15
L1516980-55	DP-134-SO-300-01	SOIL	Not Specified	07/22/15 15:15	07/22/15
L1516980-56	DP-135-SO-010-01	SOIL	Not Specified	07/22/15 15:25	07/22/15
L1516980-57	DP-135-SO-050-01	SOIL	Not Specified	07/22/15 15:35	07/22/15
L1516980-58	EB01-072215	WATER	Not Specified	07/22/15 16:00	07/22/15
L1516980-59	TB01-072215	WATER	Not Specified	07/22/15 16:00	07/22/15
L1516980-60	GTW-661-804-3-5	WATER	Not Specified	07/22/15 09:06	07/22/15
L1516980-61	GTW-605-802-6-3	WATER	Not Specified	07/22/15 13:10	07/22/15
L1516980-62	EB02-072215	WATER	Not Specified	07/22/15 16:10	07/22/15
L1516980-63	TB02-072215	WATER	Not Specified	07/22/15 15:00	07/22/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

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Case Narrative (continued)

Report Submission

This report replaces the report issued July 28, 2015. The Client IDs were changed on L1516980-27, -28, and -29.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1516980-01, -06, and -12: The sample has elevated detection limits due to the dilution required by the sample matrix.

Gasoline Range Organics

The WG806188-5 MS recovery (45%), performed on L1516980-50, is below the acceptance criteria; however, the associated LCS/LCSD recoveries are within overall method allowances.

The WG806165-4 Laboratory Duplicate RPD (29%), performed on L1516980-02, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Petroleum Hydrocarbon Quantitation

The WG805436-3 Laboratory Duplicate RPD, performed on L1516980-41, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (93%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Total Metals

L1516980-01 through -57 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG805459-4 MS recoveries for aluminum (1090%), iron (0%) and manganese (0%), performed on L1516980-04, do not apply because the sample concentrations are greater than four times the spike amounts

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Case Narrative (continued)

added.

The WG805459-4 MS recovery, performed on L1516980-04, is outside the acceptance criteria for magnesium (131%). A post digestion spike was performed and was within acceptance criteria.

The WG805471-4 MS recoveries for aluminum (1490%) and iron (9570%), performed on L1516980-24, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG805471-4 MS recoveries, performed on L1516980-24, are outside the acceptance criteria for calcium (0%), magnesium (160%) and manganese (191%). A post digestion spike was performed and was within acceptance criteria.

The WG805900-4 MS recovery, performed on L1516980-01, is outside the acceptance criteria for mercury (154%). A post digestion spike was performed and was within acceptance criteria.

The WG805903-4 MS recovery, performed on L1516980-21, is outside the acceptance criteria for mercury (150%). A post digestion spike was performed and was within acceptance criteria.

The WG805904-4 MS recovery, performed on L1516980-41, is outside the acceptance criteria for mercury (150%). A post digestion spike was performed and was within acceptance criteria.

The WG805459-3 Laboratory Duplicate RPDs, performed on L1516980-04, are outside the acceptance criteria for cobalt (45%) and manganese (37%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

WG805471-3The WG805471-3 Laboratory Duplicate RPD, performed on L1516980-24, is outside the acceptance criteria for aluminum (26%), barium (29%), beryllium (25%), calcium (54%), cobalt (33%), iron (49%), manganese (37%) and nickel (34%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Dissolved Metals

The WG805988-4 MS recovery, performed on L1516980-60, is outside the acceptance criteria for calcium (72%). A post digestion spike was performed and was within acceptance criteria.

The WG805988-4 MS recovery for iron (140%), performed on L1516980-60, does not apply because the sample concentration is greater than four times the spike amount added.

The WG805988-3 Laboratory Duplicate RPD, performed on L1516980-60, is above the acceptance criteria for

Project Name: BUZZARD POINT
Project Number: 40223-002

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Case Narrative (continued)

nickel (115%); however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Lura L Troy

Title: Technical Director/Representative

Date: 08/02/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-17
 Client ID: DP-127-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 18:34
 Analyst: BN
 Percent Solids: 93%

Date Collected: 07/22/15 09:12
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00021	1
o-Xylene	ND		mg/kg	0.0022	0.00018	1
Xylenes, Total	ND		mg/kg	0.0022	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	122		70-130

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Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-18
 Client ID: DP-127-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:00
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/22/15 09:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	123		70-130

Project Name: BUZZARD POINT
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Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-19
 Client ID: DP-127-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:27
 Analyst: BN
 Percent Solids: 81%

Date Collected: 07/22/15 09:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00024	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	125		70-130

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SAMPLE RESULTS

Lab ID: L1516980-20
 Client ID: DP-127-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/25/15 19:53
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/22/15 09:22
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	127		70-130

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SAMPLE RESULTS

Lab ID: L1516980-21
 Client ID: DP-127-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 09:50
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/22/15 09:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

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Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-22
 Client ID: DP-128-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 10:17
 Analyst: BN
 Percent Solids: 94%

Date Collected: 07/22/15 09:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00012	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0021	0.00021	1
o-Xylene	ND		mg/kg	0.0021	0.00018	1
Xylenes, Total	ND		mg/kg	0.0021	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-23
 Client ID: DP-128-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 10:43
 Analyst: BN
 Percent Solids: 89%

Date Collected: 07/22/15 09:43
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

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Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-24
 Client ID: DP-128-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 11:10
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/22/15 09:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

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SAMPLE RESULTS

Lab ID: L1516980-25
 Client ID: DP-128-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 11:36
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/22/15 09:48
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
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Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-26
 Client ID: DP-128-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:03
 Analyst: BN
 Percent Solids: 81%

Date Collected: 07/22/15 09:50
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00024	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-27
 Client ID: DP-129-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:30
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/22/15 10:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-28
 Client ID: DP-129-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:57
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/22/15 10:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
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Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-29
 Client ID: DP-129-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 13:23
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/22/15 10:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-30
 Client ID: DP-129-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 13:50
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/22/15 10:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-31
 Client ID: DP-129-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 14:17
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/22/15 10:48
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-32
 Client ID: DP-130-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 14:44
 Analyst: BN
 Percent Solids: 89%

Date Collected: 07/22/15 10:50
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-33
 Client ID: DP-130-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 15:10
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/22/15 10:52
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00015	1
p/m-Xylene	ND		mg/kg	0.0023	0.00023	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-34
 Client ID: DP-130-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 15:37
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/22/15 10:55
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-35
 Client ID: DP-130-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 16:03
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/22/15 11:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-36
 Client ID: DP-130-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 16:30
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/22/15 11:05
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-37
 Client ID: DP-131-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 16:57
 Analyst: BN
 Percent Solids: 99%

Date Collected: 07/22/15 11:22
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0010	0.00012	1
Toluene	ND		mg/kg	0.0015	0.00020	1
Ethylbenzene	ND		mg/kg	0.0010	0.00013	1
p/m-Xylene	ND		mg/kg	0.0020	0.00020	1
o-Xylene	ND		mg/kg	0.0020	0.00017	1
Xylenes, Total	ND		mg/kg	0.0020	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-38
 Client ID: DP-131-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 10:16
 Analyst: MV
 Percent Solids: 88%

Date Collected: 07/22/15 11:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-39
 Client ID: DP-131-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 10:42
 Analyst: MV
 Percent Solids: 85%

Date Collected: 07/22/15 11:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-40
 Client ID: DP-131-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 11:09
 Analyst: MV
 Percent Solids: 84%

Date Collected: 07/22/15 11:33
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-41
 Client ID: DP-132-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 11:36
 Analyst: MV
 Percent Solids: 89%

Date Collected: 07/22/15 13:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-42
 Client ID: DP-132-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:03
 Analyst: MV
 Percent Solids: 91%

Date Collected: 07/22/15 13:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0016	0.00021	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-43
 Client ID: DP-132-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:30
 Analyst: MV
 Percent Solids: 81%

Date Collected: 07/22/15 13:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00024	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-44
 Client ID: DP-132-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:57
 Analyst: MV
 Percent Solids: 83%

Date Collected: 07/22/15 13:42
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-45
 Client ID: DP-133-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 13:24
 Analyst: MV
 Percent Solids: 90%

Date Collected: 07/22/15 14:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-46
 Client ID: DP-133-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 13:51
 Analyst: MV
 Percent Solids: 83%

Date Collected: 07/22/15 14:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-47
 Client ID: DP-133-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 14:18
 Analyst: MV
 Percent Solids: 85%

Date Collected: 07/22/15 14:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-48
 Client ID: DP-133-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 14:45
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/22/15 14:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-49
 Client ID: DP-133-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 15:12
 Analyst: MV
 Percent Solids: 80%

Date Collected: 07/22/15 14:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00015	1
Toluene	ND		mg/kg	0.0019	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00025	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-50
 Client ID: DP-133-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 15:39
 Analyst: MV
 Percent Solids: 85%

Date Collected: 07/22/15 14:26
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-51
 Client ID: DP-134-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 16:07
 Analyst: MV
 Percent Solids: 90%

Date Collected: 07/22/15 15:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-52
 Client ID: DP-134-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 16:33
 Analyst: MV
 Percent Solids: 89%

Date Collected: 07/22/15 15:05
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0022	0.00022	1
o-Xylene	ND		mg/kg	0.0022	0.00019	1
Xylenes, Total	ND		mg/kg	0.0022	0.00019	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-53
 Client ID: DP-134-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 17:00
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/22/15 15:08
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-54
 Client ID: DP-134-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 17:27
 Analyst: MV
 Percent Solids: 84%

Date Collected: 07/22/15 15:10
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
Ethylbenzene	ND		mg/kg	0.0012	0.00015	1
p/m-Xylene	ND		mg/kg	0.0024	0.00023	1
o-Xylene	ND		mg/kg	0.0024	0.00020	1
Xylenes, Total	ND		mg/kg	0.0024	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-55
 Client ID: DP-134-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 17:54
 Analyst: MV
 Percent Solids: 82%

Date Collected: 07/22/15 15:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0024	0.00024	1
o-Xylene	ND		mg/kg	0.0024	0.00021	1
Xylenes, Total	ND		mg/kg	0.0024	0.00021	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-56
 Client ID: DP-135-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 18:21
 Analyst: MV
 Percent Solids: 88%

Date Collected: 07/22/15 15:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	ND		mg/kg	0.0023	0.00022	1
o-Xylene	ND		mg/kg	0.0023	0.00020	1
Xylenes, Total	ND		mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	89		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-57
 Client ID: DP-135-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 18:48
 Analyst: MV
 Percent Solids: 88%

Date Collected: 07/22/15 15:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		mg/kg	0.0011	0.00013	1
Toluene	0.00024	J	mg/kg	0.0017	0.00022	1
Ethylbenzene	ND		mg/kg	0.0011	0.00014	1
p/m-Xylene	0.00030	J	mg/kg	0.0023	0.00022	1
o-Xylene	0.00043	J	mg/kg	0.0023	0.00020	1
Xylenes, Total	0.00073	J	mg/kg	0.0023	0.00020	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-58
 Client ID: EB01-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/24/15 14:17
 Analyst: MS

Date Collected: 07/22/15 16:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.16	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-59
Client ID: TB01-072215
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 14:53
Analyst: MS

Date Collected: 07/22/15 16:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.0	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-59
Client ID: TB01-072215
Sample Location: Not Specified

Date Collected: 07/22/15 16:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
 Client ID: GTW-661-804-3-5
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/24/15 17:16
 Analyst: MS

Date Collected: 07/22/15 09:06
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.2	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	52		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	6.0		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	27		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
Client ID: GTW-661-804-3-5
Sample Location: Not Specified

Date Collected: 07/22/15 09:06
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	1.0		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	6.4		ug/l	0.50	0.17	1
p/m-Xylene	1.6		ug/l	1.0	0.33	1
o-Xylene	0.55	J	ug/l	1.0	0.33	1
Xylenes, Total	2.2	J	ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	51		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	73		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	71		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-61
Client ID: GTW-605-802-6-3
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 16:40
Analyst: MS

Date Collected: 07/22/15 13:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT

Lab Number: L1516980

Project Number: 40223-002

Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-61
 Client ID: GTW-605-802-6-3
 Sample Location: Not Specified

Date Collected: 07/22/15 13:10
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
Client ID: EB02-072215
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 15:28
Analyst: MS

Date Collected: 07/22/15 16:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	1.5	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
Client ID: EB02-072215
Sample Location: Not Specified

Date Collected: 07/22/15 16:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	0.16	J	ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-63
Client ID: TB02-072215
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 16:04
Analyst: MS

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.2	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-63
Client ID: TB02-072215
Sample Location: Not Specified

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 11:18
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-63 Batch: WG805877-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 11:18
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-63 Batch: WG805877-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/24/15 11:18
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-63 Batch: WG805877-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 12:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17-20 Batch: WG806259-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 12:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17-20 Batch: WG806259-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/15 12:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17-20 Batch: WG806259-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	114		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 07/27/15 09:49
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 38-57 Batch: WG806402-3					
Benzene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
Ethylbenzene	ND		mg/kg	0.0010	0.00013
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 09:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-37 Batch: WG806525-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 09:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-37 Batch: WG806525-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 09:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-37 Batch: WG806525-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-63 Batch: WG805877-1 WG805877-2								
Dichlorodifluoromethane	111		105		36-147	6		20
Chloromethane	67		61	Q	64-130	9		20
Vinyl chloride	71		68		55-140	4		20
Bromomethane	64		60		39-139	6		20
Chloroethane	94		87		55-138	8		20
Trichlorofluoromethane	76		76		62-150	0		20
1,1-Dichloroethene	89		86		61-145	3		20
Carbon disulfide	79		74		51-130	7		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		89		70-130	1		20
Methylene chloride	88		84		70-130	5		20
Acetone	83		79		58-148	5		20
trans-1,2-Dichloroethene	89		89		70-130	0		20
Methyl Acetate	87		83		70-130	5		20
Methyl tert butyl ether	91		89		63-130	2		20
1,1-Dichloroethane	84		83		70-130	1		20
cis-1,2-Dichloroethene	90		88		70-130	2		20
Cyclohexane	84		83		70-130	1		20
Bromochloromethane	94		92		70-130	2		20
Chloroform	82		80		70-130	2		20
Carbon tetrachloride	88		86		63-132	2		20
1,1,1-Trichloroethane	82		81		67-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-63 Batch: WG805877-1 WG805877-2								
2-Butanone	90		90		63-138	0		20
Benzene	95		90		70-130	5		20
1,2-Dichloroethane	81		77		70-130	5		20
Methyl cyclohexane	85		84		70-130	1		20
Trichloroethene	84		83		70-130	1		20
1,2-Dichloropropane	90		87		70-130	3		20
Bromodichloromethane	82		79		67-130	4		20
1,4-Dioxane	102		95		56-162	7		20
cis-1,3-Dichloropropene	90		85		70-130	6		20
Toluene	98		95		70-130	3		20
Tetrachloroethene	105		103		70-130	2		20
4-Methyl-2-pentanone	81		81		59-130	0		20
trans-1,3-Dichloropropene	99		96		70-130	3		20
1,1,2-Trichloroethane	103		100		70-130	3		20
Dibromochloromethane	102		97		63-130	5		20
1,2-Dibromoethane	99		97		70-130	2		20
2-Hexanone	70		68		57-130	3		20
Chlorobenzene	99		95		75-130	4		20
Ethylbenzene	95		90		70-130	5		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	98		94		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-63 Batch: WG805877-1 WG805877-2								
Styrene	104		99		70-130	5		20
Bromoform	106		101		54-136	5		20
Isopropylbenzene	92		87		70-130	6		20
1,1,2,2-Tetrachloroethane	97		92		67-130	5		20
1,3,5-Trimethylbenzene	94		89		64-130	5		20
1,2,4-Trimethylbenzene	94		89		70-130	5		20
1,3-Dichlorobenzene	97		92		70-130	5		20
1,4-Dichlorobenzene	98		92		70-130	6		20
1,2-Dichlorobenzene	97		93		70-130	4		20
1,2-Dibromo-3-chloropropane	78		72		41-144	8		20
1,2,4-Trichlorobenzene	86		84		70-130	2		20
Naphthalene	83		82		70-130	1		20
1,2,3-Trichlorobenzene	82		83		70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	86		86		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	91		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-20 Batch: WG806259-1 WG806259-2								
Dichlorodifluoromethane	92		87		30-146	6		30
Chloromethane	89		83		52-130	7		30
Vinyl chloride	89		83		67-130	7		30
Bromomethane	128		123		57-147	4		30
Chloroethane	118		109		50-151	8		30
Trichlorofluoromethane	118		119		70-139	1		30
1,1-Dichloroethene	101		97		65-135	4		30
Carbon disulfide	82		76		59-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		108		50-139	5		30
Acrolein	57		56		51-130	2		30
Methylene chloride	100		96		70-130	4		30
Acetone	92		85		54-140	8		30
trans-1,2-Dichloroethene	103		96		70-130	7		30
Methyl Acetate	84		82		51-146	2		30
Methyl tert butyl ether	85		83		66-130	2		30
1,1-Dichloroethane	105		99		70-130	6		30
Acrylonitrile	87		86		70-130	1		30
cis-1,2-Dichloroethene	102		96		70-130	6		30
2,2-Dichloropropane	109		101		70-130	8		30
Cyclohexane	92		88		59-142	4		30
Bromochloromethane	114		112		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-20 Batch: WG806259-1 WG806259-2								
Chloroform	112		106		70-130	6		30
Carbon tetrachloride	119		112		70-130	6		30
1,1,1-Trichloroethane	113		107		70-130	5		30
2-Butanone	80		76		70-130	5		30
1,1-Dichloropropene	95		91		70-130	4		30
Benzene	100		95		70-130	5		30
1,2-Dichloroethane	108		104		70-130	4		30
Methyl cyclohexane	96		92		70-130	4		30
Trichloroethene	109		102		70-130	7		30
1,2-Dichloropropane	93		87		70-130	7		30
Bromodichloromethane	103		98		70-130	5		30
1,4-Dioxane	90		89		65-136	1		30
2-Chloroethylvinyl ether	68	Q	67	Q	70-130	1		30
cis-1,3-Dichloropropene	93		90		70-130	3		30
Toluene	97		92		70-130	5		30
4-Methyl-2-pentanone	68	Q	66	Q	70-130	3		30
Tetrachloroethene	106		102		70-130	4		30
trans-1,3-Dichloropropene	90		86		70-130	5		30
1,1,2-Trichloroethane	93		93		70-130	0		30
Dibromochloromethane	101		99		70-130	2		30
1,3-Dichloropropane	88		86		69-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-20 Batch: WG806259-1 WG806259-2								
1,2-Dibromoethane	93		90		70-130	3		30
2-Hexanone	55	Q	53	Q	70-130	4		30
Chlorobenzene	98		95		70-130	3		30
Ethylbenzene	96		92		70-130	4		30
1,1,1,2-Tetrachloroethane	106		102		70-130	4		30
p/m-Xylene	102		98		70-130	4		30
o-Xylene	99		95		70-130	4		30
Styrene	100		97		70-130	3		30
Bromoform	94		93		70-130	1		30
Isopropylbenzene	86		83		70-130	4		30
Bromobenzene	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	82		79		70-130	4		30
o-Chlorotoluene	93		91		70-130	2		30
1,3,5-Trimethylbenzene	92		89		70-130	3		30
1,2,3-Trichloropropane	82		80		68-130	2		30
p-Chlorotoluene	89		86		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
1,2,4-Trimethylbenzene	91		88		70-130	3		30
sec-Butylbenzene	92		89		70-130	3		30
p-Isopropyltoluene	94		91		70-130	3		30
1,3-Dichlorobenzene	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-20 Batch: WG806259-1 WG806259-2								
1,4-Dichlorobenzene	97		96		70-130	1		30
n-Butylbenzene	96		93		70-130	3		30
1,2-Dichlorobenzene	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	74		72		68-130	3		30
Hexachlorobutadiene	97		94		67-130	3		30
1,2,4-Trichlorobenzene	90		88		70-130	2		30
Naphthalene	77		77		70-130	0		30
1,2,3-Trichlorobenzene	91		90		70-130	1		30
tert-Butyl Alcohol	74		71		40-160	4		30
Tertiary-Amyl Methyl Ether	83		81		70-130	2		30
Isopropyl Ether	84		80		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	100		97		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	83		85		70-130
Dibromofluoromethane	118		116		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 38-57 Batch: WG806402-1 WG806402-2								
Benzene	83		92		70-130	10		30
Toluene	85		94		70-130	10		30
Ethylbenzene	87		96		70-130	10		30
p/m-Xylene	89		100		70-130	12		30
o-Xylene	89		97		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-37 Batch: WG806525-1 WG806525-2								
Dichlorodifluoromethane	132		138		30-146	4		30
Chloromethane	102		107		52-130	5		30
Vinyl chloride	98		102		67-130	4		30
Bromomethane	138		141		57-147	2		30
Chloroethane	136		144		50-151	6		30
Trichlorofluoromethane	168	Q	177	Q	70-139	5		30
1,1-Dichloroethene	120		127		65-135	6		30
Carbon disulfide	95		100		59-130	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	121		128		50-139	6		30
Acrolein	83		77		51-130	8		30
Methylene chloride	106		112		70-130	6		30
Acetone	93		110		54-140	17		30
trans-1,2-Dichloroethene	116		120		70-130	3		30
Methyl Acetate	94		99		51-146	5		30
Methyl tert butyl ether	102		111		66-130	8		30
1,1-Dichloroethane	117		122		70-130	4		30
Acrylonitrile	79		86		70-130	8		30
cis-1,2-Dichloroethene	109		115		70-130	5		30
2,2-Dichloropropane	139	Q	147	Q	70-130	6		30
Cyclohexane	100		103		59-142	3		30
Bromochloromethane	109		114		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-37 Batch: WG806525-1 WG806525-2								
Chloroform	123		129		70-130	5		30
Carbon tetrachloride	142	Q	150	Q	70-130	5		30
1,1,1-Trichloroethane	132	Q	141	Q	70-130	7		30
2-Butanone	85		96		70-130	12		30
1,1-Dichloropropene	116		123		70-130	6		30
Benzene	112		119		70-130	6		30
1,2-Dichloroethane	121		128		70-130	6		30
Methyl cyclohexane	100		106		70-130	6		30
Trichloroethene	114		119		70-130	4		30
1,2-Dichloropropane	105		114		70-130	8		30
Bromodichloromethane	116		122		70-130	5		30
1,4-Dioxane	78		83		65-136	6		30
2-Chloroethylvinyl ether	118		125		70-130	6		30
cis-1,3-Dichloropropene	111		118		70-130	6		30
Toluene	99		103		70-130	4		30
4-Methyl-2-pentanone	82		87		70-130	6		30
Tetrachloroethene	110		114		70-130	4		30
trans-1,3-Dichloropropene	106		113		70-130	6		30
1,1,2-Trichloroethane	94		99		70-130	5		30
Dibromochloromethane	103		110		70-130	7		30
1,3-Dichloropropane	96		102		69-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-37 Batch: WG806525-1 WG806525-2								
1,2-Dibromoethane	95		100		70-130	5		30
2-Hexanone	79		82		70-130	4		30
Chlorobenzene	97		103		70-130	6		30
Ethylbenzene	105		110		70-130	5		30
1,1,1,2-Tetrachloroethane	104		110		70-130	6		30
p/m-Xylene	107		111		70-130	4		30
o-Xylene	105		110		70-130	5		30
Styrene	99		106		70-130	7		30
Bromoform	89		93		70-130	4		30
Isopropylbenzene	103		106		70-130	3		30
Bromobenzene	94		96		70-130	2		30
1,1,2,2-Tetrachloroethane	81		85		70-130	5		30
o-Chlorotoluene	102		108		70-130	6		30
1,3,5-Trimethylbenzene	103		107		70-130	4		30
1,2,3-Trichloropropane	84		88		68-130	5		30
p-Chlorotoluene	101		104		70-130	3		30
tert-Butylbenzene	102		107		70-130	5		30
1,2,4-Trimethylbenzene	102		105		70-130	3		30
sec-Butylbenzene	105		108		70-130	3		30
p-Isopropyltoluene	104		109		70-130	5		30
1,3-Dichlorobenzene	97		103		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-37 Batch: WG806525-1 WG806525-2								
1,4-Dichlorobenzene	97		101		70-130	4		30
n-Butylbenzene	101		104		70-130	3		30
1,2-Dichlorobenzene	95		100		70-130	5		30
1,2-Dibromo-3-chloropropane	82		83		68-130	1		30
Hexachlorobutadiene	104		108		67-130	4		30
1,2,4-Trichlorobenzene	91		96		70-130	5		30
Naphthalene	74		80		70-130	8		30
1,2,3-Trichlorobenzene	87		93		70-130	7		30
tert-Butyl Alcohol	84		89		40-160	6		30
Tertiary-Amyl Methyl Ether	105		112		70-130	6		30
Isopropyl Ether	107		114		70-130	6		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	115		115		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	102		101		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-01 D
 Client ID: DP-124-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 22:44
 Analyst: RC
 Percent Solids: 92%

Date Collected: 07/22/15 07:45
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.8	0.59	10
2-Methylnaphthalene	0.66	J	mg/kg	2.1	0.57	10
2-Chloronaphthalene	ND		mg/kg	1.8	0.58	10
Acenaphthylene	ND		mg/kg	1.4	0.33	10
Acenaphthene	ND		mg/kg	1.4	0.37	10
Fluorene	ND		mg/kg	1.8	0.51	10
Phenanthrene	0.43	J	mg/kg	1.1	0.35	10
Anthracene	ND		mg/kg	1.1	0.30	10
Fluoranthene	0.35	J	mg/kg	1.1	0.33	10
Pyrene	0.35	J	mg/kg	1.1	0.35	10
Benzo(a)anthracene	ND		mg/kg	1.1	0.35	10
Chrysene	ND		mg/kg	1.1	0.35	10
Benzo(b)fluoranthene	ND		mg/kg	1.1	0.36	10
Benzo(k)fluoranthene	ND		mg/kg	1.1	0.34	10
Benzo(a)pyrene	ND		mg/kg	1.4	0.44	10
Indeno(1,2,3-cd)pyrene	ND		mg/kg	1.4	0.40	10
Dibenzo(a,h)anthracene	ND		mg/kg	1.1	0.35	10
Benzo(ghi)perylene	ND		mg/kg	1.4	0.37	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	64		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-02
 Client ID: DP-124-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 23:10
 Analyst: RC
 Percent Solids: 86%

Date Collected: 07/22/15 07:50
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.30		mg/kg	0.19	0.063	1
2-Methylnaphthalene	0.12	J	mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.19		mg/kg	0.15	0.036	1
Acenaphthene	0.30		mg/kg	0.15	0.039	1
Fluorene	0.59		mg/kg	0.19	0.055	1
Phenanthrene	2.6		mg/kg	0.11	0.037	1
Anthracene	0.88		mg/kg	0.11	0.032	1
Fluoranthene	2.9		mg/kg	0.11	0.035	1
Pyrene	2.4		mg/kg	0.11	0.037	1
Benzo(a)anthracene	1.3		mg/kg	0.11	0.037	1
Chrysene	1.3		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	1.4		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.61		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.1		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.60		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.18		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.68		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	86		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-03
 Client ID: DP-124-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 23:35
 Analyst: RC
 Percent Solids: 85%

Date Collected: 07/22/15 07:58
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.074	J	mg/kg	0.12	0.038	1
Anthracene	0.043	J	mg/kg	0.12	0.032	1
Fluoranthene	0.18		mg/kg	0.12	0.036	1
Pyrene	0.19		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.12		mg/kg	0.12	0.038	1
Chrysene	0.11	J	mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.11	J	mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.046	J	mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.10	J	mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.045	J	mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-04
 Client ID: DP-124-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:00
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:00
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-05
 Client ID: DP-124-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:26
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:02
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-06 D
 Client ID: DP-125-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:51
 Analyst: RC
 Percent Solids: 90%

Date Collected: 07/22/15 08:10
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.8	0.61	10
2-Methylnaphthalene	ND		mg/kg	2.2	0.59	10
2-Chloronaphthalene	ND		mg/kg	1.8	0.60	10
Acenaphthylene	ND		mg/kg	1.5	0.34	10
Acenaphthene	ND		mg/kg	1.5	0.38	10
Fluorene	ND		mg/kg	1.8	0.53	10
Phenanthrene	0.47	J	mg/kg	1.1	0.36	10
Anthracene	ND		mg/kg	1.1	0.31	10
Fluoranthene	0.42	J	mg/kg	1.1	0.34	10
Pyrene	0.39	J	mg/kg	1.1	0.36	10
Benzo(a)anthracene	ND		mg/kg	1.1	0.36	10
Chrysene	ND		mg/kg	1.1	0.36	10
Benzo(b)fluoranthene	ND		mg/kg	1.1	0.37	10
Benzo(k)fluoranthene	ND		mg/kg	1.1	0.35	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.45	10
Indeno(1,2,3-cd)pyrene	ND		mg/kg	1.5	0.41	10
Dibenzo(a,h)anthracene	ND		mg/kg	1.1	0.36	10
Benzo(ghi)perylene	ND		mg/kg	1.5	0.38	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-07
 Client ID: DP-125-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:16
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:15
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.17	J	mg/kg	0.20	0.065	1
2-Methylnaphthalene	0.074	J	mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	0.32		mg/kg	0.16	0.037	1
Acenaphthene	0.33		mg/kg	0.16	0.041	1
Fluorene	0.54		mg/kg	0.20	0.056	1
Phenanthrene	2.7		mg/kg	0.12	0.038	1
Anthracene	1.0		mg/kg	0.12	0.033	1
Fluoranthene	2.9		mg/kg	0.12	0.036	1
Pyrene	2.5		mg/kg	0.12	0.038	1
Benzo(a)anthracene	1.5		mg/kg	0.12	0.039	1
Chrysene	1.4		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	1.7		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.58		mg/kg	0.12	0.038	1
Benzo(a)pyrene	1.3		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.70		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.24		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.77		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-08
 Client ID: DP-125-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:41
 Analyst: RC
 Percent Solids: 81%

Date Collected: 07/22/15 08:18
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	0.049	J	mg/kg	0.16	0.042	1
Fluorene	0.060	J	mg/kg	0.20	0.058	1
Phenanthrene	0.28		mg/kg	0.12	0.040	1
Anthracene	0.070	J	mg/kg	0.12	0.034	1
Fluoranthene	0.25		mg/kg	0.12	0.038	1
Pyrene	0.19		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.098	J	mg/kg	0.12	0.040	1
Chrysene	0.097	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.12		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.088	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.048	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.048	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-09
 Client ID: DP-125-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:07
 Analyst: RC
 Percent Solids: 82%

Date Collected: 07/22/15 08:20
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.18		mg/kg	0.12	0.040	1
Anthracene	0.046	J	mg/kg	0.12	0.034	1
Fluoranthene	0.16		mg/kg	0.12	0.037	1
Pyrene	0.12		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.062	J	mg/kg	0.12	0.040	1
Chrysene	0.057	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.072	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.054	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-10
 Client ID: DP-125-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:32
 Analyst: RC
 Percent Solids: 84%

Date Collected: 07/22/15 08:23
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-11
 Client ID: DP-125-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:57
 Analyst: RC
 Percent Solids: 85%

Date Collected: 07/22/15 08:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-12 D
 Client ID: DP-126-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 03:23
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/22/15 08:35
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.9	0.62	10
2-Methylnaphthalene	ND		mg/kg	2.2	0.60	10
2-Chloronaphthalene	ND		mg/kg	1.9	0.61	10
Acenaphthylene	ND		mg/kg	1.5	0.35	10
Acenaphthene	ND		mg/kg	1.5	0.39	10
Fluorene	ND		mg/kg	1.9	0.54	10
Phenanthrene	0.84	J	mg/kg	1.1	0.37	10
Anthracene	ND		mg/kg	1.1	0.31	10
Fluoranthene	0.72	J	mg/kg	1.1	0.34	10
Pyrene	0.65	J	mg/kg	1.1	0.36	10
Benzo(a)anthracene	ND		mg/kg	1.1	0.37	10
Chrysene	0.38	J	mg/kg	1.1	0.37	10
Benzo(b)fluoranthene	0.39	J	mg/kg	1.1	0.38	10
Benzo(k)fluoranthene	ND		mg/kg	1.1	0.36	10
Benzo(a)pyrene	ND		mg/kg	1.5	0.46	10
Indeno(1,2,3-cd)pyrene	ND		mg/kg	1.5	0.42	10
Dibenzo(a,h)anthracene	ND		mg/kg	1.1	0.36	10
Benzo(ghi)perylene	ND		mg/kg	1.5	0.39	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	57		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-13
 Client ID: DP-126-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 03:48
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/22/15 08:38
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.098	J	mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.034	J	mg/kg	0.15	0.034	1
Acenaphthene	0.048	J	mg/kg	0.15	0.038	1
Fluorene	0.084	J	mg/kg	0.18	0.052	1
Phenanthrene	0.35		mg/kg	0.11	0.036	1
Anthracene	0.14		mg/kg	0.11	0.030	1
Fluoranthene	0.50		mg/kg	0.11	0.034	1
Pyrene	0.42		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.24		mg/kg	0.11	0.036	1
Chrysene	0.39		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.40		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.14		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.19		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.13	J	mg/kg	0.15	0.040	1
Dibenzo(a,h)anthracene	0.046	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-14
 Client ID: DP-126-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 04:14
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:40
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.040	J	mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-15
 Client ID: DP-126-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 04:39
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:43
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-16
 Client ID: DP-126-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 05:04
 Analyst: RC
 Percent Solids: 83%

Date Collected: 07/22/15 08:45
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-58
 Client ID: EB01-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:24
 Analyst: PS

Date Collected: 07/22/15 16:00
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	85		15-120
4-Terphenyl-d14	93		41-149

Project Name: BUZZARD POINT

Lab Number: L1516980

Project Number: 40223-002

Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
 Client ID: GTW-661-804-3-5
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:50
 Analyst: PS

Date Collected: 07/22/15 09:06
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	ND		ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	ND		ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	4.8		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT

Lab Number: L1516980

Project Number: 40223-002

Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
 Client ID: GTW-661-804-3-5
 Sample Location: Not Specified

Date Collected: 07/22/15 09:06
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1.8	J	ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	1.5	J	ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	3.0		ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	1.9	J	ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	92		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
 Client ID: GTW-661-804-3-5
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/24/15 20:13
 Analyst: KV

Date Collected: 07/22/15 09:06
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01	1
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02	1
Hexachloroethane	ND		ug/l	0.20	0.02	1
Hexachlorobenzene	ND		ug/l	0.20	0.01	1
Pentachlorophenol	ND		ug/l	0.10	0.06	1
Benzo(a)anthracene	ND		ug/l	0.25	0.08	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	1.0	0.12	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.10	0.03	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.14	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.50	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	73		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
Client ID: EB02-072215
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/28/15 03:17
Analyst: PS

Date Collected: 07/22/15 16:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	ND		ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	0.54	J	ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
Client ID: EB02-072215
Sample Location: Not Specified

Date Collected: 07/22/15 16:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	ND		ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	77		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
 Client ID: EB02-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/24/15 20:38
 Analyst: KV

Date Collected: 07/22/15 16:10
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01	1
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02	1
Hexachloroethane	ND		ug/l	0.20	0.02	1
Hexachlorobenzene	ND		ug/l	0.20	0.01	1
Pentachlorophenol	ND		ug/l	0.10	0.06	1
Benzo(a)anthracene	ND		ug/l	0.25	0.08	1
Bis(2-ethylhexyl)phthalate	0.41	J	ug/l	1.0	0.12	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.10	0.03	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.14	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.50	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	68		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 21:31
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 58,60,62 Batch: WG805316-1					
Benzaldehyde	ND		ug/l	5.0	0.99
Phenol	ND		ug/l	5.0	0.27
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.58
2-Methylphenol	ND		ug/l	5.0	0.70
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Acetophenone	ND		ug/l	5.0	0.43
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
Hexachloroethane	ND		ug/l	2.0	0.30
Nitrobenzene	ND		ug/l	2.0	0.40
Isophorone	ND		ug/l	5.0	0.79
2-Nitrophenol	ND		ug/l	10	1.0
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Naphthalene	ND		ug/l	2.0	0.33
4-Chloroaniline	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Caprolactam	ND		ug/l	10	0.39
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Methylnaphthalene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Biphenyl	ND		ug/l	2.0	0.24
2-Chloronaphthalene	ND		ug/l	2.0	0.46

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 21:31
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 58,60,62 Batch: WG805316-1					
2-Nitroaniline	ND		ug/l	5.0	0.96
Dimethyl phthalate	ND		ug/l	5.0	0.33
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Acenaphthylene	ND		ug/l	2.0	0.37
3-Nitroaniline	ND		ug/l	5.0	0.67
Acenaphthene	ND		ug/l	2.0	0.28
2,4-Dinitrophenol	ND		ug/l	20	0.56
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
Dibenzofuran	ND		ug/l	2.0	0.22
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59
Diethyl phthalate	ND		ug/l	5.0	0.39
Fluorene	ND		ug/l	2.0	0.32
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Nitroaniline	ND		ug/l	5.0	0.83
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Hexachlorobenzene	ND		ug/l	2.0	0.40
Pentachlorophenol	ND		ug/l	10	3.2
Atrazine	ND		ug/l	3.0	0.79
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Carbazole	ND		ug/l	2.0	0.37
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 21:31
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/23/15 10:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 58,60,62 Batch: WG805316-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	80		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/24/15 13:01
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 07/23/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 60,62 Batch: WG805317-1					
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02
Hexachloroethane	ND		ug/l	0.20	0.02
Hexachlorobenzene	ND		ug/l	0.20	0.01
Pentachlorophenol	ND		ug/l	0.10	0.06
Benzo(a)anthracene	ND		ug/l	0.25	0.08
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.12
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.10	0.03
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.50	0.14
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.50	0.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	71		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 20:12
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG805359-1					
Naphthalene	ND		mg/kg	0.17	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
2-Chloronaphthalene	ND		mg/kg	0.17	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.17	0.048
Phenanthrene	ND		mg/kg	0.10	0.032
Anthracene	ND		mg/kg	0.10	0.028
Fluoranthene	ND		mg/kg	0.10	0.030
Pyrene	ND		mg/kg	0.10	0.032
Benzo(a)anthracene	ND		mg/kg	0.10	0.032
Chrysene	ND		mg/kg	0.10	0.033
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.037
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	89		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 58,60,62 Batch: WG805316-2 WG805316-3								
Benzaldehyde	73		76		40-140	4		30
Phenol	37		39		12-110	5		30
Bis(2-chloroethyl)ether	70		76		40-140	8		30
2-Chlorophenol	73		78		27-123	7		30
2-Methylphenol	69		74		30-130	7		30
Bis(2-chloroisopropyl)ether	70		76		40-140	8		30
Acetophenone	83		89		39-129	7		30
n-Nitrosodi-n-propylamine	75		80		29-132	6		30
3-Methylphenol/4-Methylphenol	66		69		30-130	4		30
Hexachloroethane	52		58		40-140	11		30
Nitrobenzene	76		83		40-140	9		30
Isophorone	76		81		40-140	6		30
2-Nitrophenol	78		84		30-130	7		30
2,4-Dimethylphenol	72		75		30-130	4		30
Bis(2-chloroethoxy)methane	78		84		40-140	7		30
2,4-Dichlorophenol	83		90		30-130	8		30
1,2,4-Trichlorobenzene	63		69		30-130	9		30
Naphthalene	72		77		40-140	7		30
4-Chloroaniline	81		78		40-140	4		30
Hexachlorobutadiene	54		58		40-140	7		30
Caprolactam	27		29		10-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 58,60,62 Batch: WG805316-2 WG805316-3								
p-Chloro-m-cresol	85		92		23-97	8		30
2-Methylnaphthalene	74		78		40-140	5		30
Hexachlorocyclopentadiene	61		64		40-140	5		30
1,2,4,5-Tetrachlorobenzene	68		74		2-134	8		30
2,4,6-Trichlorophenol	83		90		30-130	8		30
2,4,5-Trichlorophenol	86		90		30-130	5		30
Biphenyl	76		82		40-140	8		30
2-Chloronaphthalene	74		81		40-140	9		30
2-Nitroaniline	88		93		52-143	6		30
Dimethyl phthalate	88		95		40-140	8		30
2,6-Dinitrotoluene	87		91		40-140	4		30
Acenaphthylene	80		87		45-123	8		30
3-Nitroaniline	68		69		25-145	1		30
Acenaphthene	80		86		37-111	7		30
2,4-Dinitrophenol	80		83		20-130	4		30
4-Nitrophenol	55		58		10-80	5		30
2,4-Dinitrotoluene	88		93		24-96	6		30
Dibenzofuran	84		89		40-140	6		30
2,3,4,6-Tetrachlorophenol	84		89		54-145	6		30
Diethyl phthalate	88		93		40-140	6		30
Fluorene	85		90		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 58,60,62 Batch: WG805316-2 WG805316-3								
4-Chlorophenyl phenyl ether	82		86		40-140	5		30
4-Nitroaniline	86		90		51-143	5		30
4,6-Dinitro-o-cresol	91		96		20-164	5		30
NDPA/DPA	82		88		40-140	7		30
4-Bromophenyl phenyl ether	81		88		40-140	8		30
Hexachlorobenzene	80		88		40-140	10		30
Pentachlorophenol	73		73		9-103	0		30
Atrazine	90		94		40-140	4		30
Phenanthrene	89		92		40-140	3		30
Anthracene	91		95		40-140	4		30
Carbazole	93		96		55-144	3		30
Di-n-butylphthalate	92		97		40-140	5		30
Fluoranthene	91		95		40-140	4		30
Pyrene	92		95		26-127	3		30
Butyl benzyl phthalate	90		98		40-140	9		30
3,3'-Dichlorobenzidine	84		85		40-140	1		30
Benzo(a)anthracene	87		89		40-140	2		30
Chrysene	88		91		40-140	3		30
Bis(2-Ethylhexyl)phthalate	88		94		40-140	7		30
Di-n-octylphthalate	91		98		40-140	7		30
Benzo(b)fluoranthene	82		87		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 58,60,62 Batch: WG805316-2 WG805316-3								
Benzo(k)fluoranthene	84		86		40-140	2		30
Benzo(a)pyrene	80		82		40-140	2		30
Indeno(1,2,3-cd)Pyrene	83		87		40-140	5		30
Dibenzo(a,h)anthracene	84		88		40-140	5		30
Benzo(ghi)perylene	84		87		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		54		21-120
Phenol-d6	36		37		10-120
Nitrobenzene-d5	78		81		23-120
2-Fluorobiphenyl	79		85		15-120
2,4,6-Tribromophenol	85		84		10-120
4-Terphenyl-d14	88		91		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 60,62 Batch: WG805317-2 WG805317-3								
Bis(2-chloroethyl)ether	63		79		40-140	23		40
n-Nitrosodi-n-propylamine	69		88		40-140	24		40
Hexachloroethane	52		64		40-140	21		40
Hexachlorobenzene	62		82		40-140	28		40
Pentachlorophenol	59		79		9-103	29		40
Benzo(a)anthracene	76		100		40-140	27		40
Bis(2-ethylhexyl)phthalate	82		106		40-140	26		40
Benzo(b)fluoranthene	79		101		40-140	24		40
Benzo(k)fluoranthene	71		90		40-140	24		40
Benzo(a)pyrene	62		80		40-140	25		40
Indeno(1,2,3-cd)pyrene	78		102		40-140	27		40
Dibenzo(a,h)anthracene	77		100		40-140	26		40
Benzo(ghi)perylene	77		100		40-140	26		40

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	41		50		21-120
Phenol-d6	29		35		10-120
Nitrobenzene-d5	63		79		23-120
2-Fluorobiphenyl	63		78		15-120
2,4,6-Tribromophenol	71		91		10-120
4-Terphenyl-d14	64		80		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG805359-2 WG805359-3								
Naphthalene	54		68		40-140	23		50
2-Methylnaphthalene	69		74		40-140	7		50
2-Chloronaphthalene	76		73		40-140	4		50
Acenaphthylene	88		78		40-140	12		50
Acenaphthene	82		72		31-137	13		50
Fluorene	92		76		40-140	19		50
Phenanthrene	97		77		40-140	23		50
Anthracene	101		80		40-140	23		50
Fluoranthene	103		78		40-140	28		50
Pyrene	99		75		35-142	28		50
Benzo(a)anthracene	103		75		40-140	31		50
Chrysene	96		73		40-140	27		50
Benzo(b)fluoranthene	106		77		40-140	32		50
Benzo(k)fluoranthene	102		82		40-140	22		50
Benzo(a)pyrene	112		84		40-140	29		50
Indeno(1,2,3-cd)pyrene	111		81		40-140	31		50
Dibenzo(a,h)anthracene	111		82		40-140	30		50
Benzo(ghi)perylene	108		80		40-140	30		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG805359-2 WG805359-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	58		74		23-120
2-Fluorobiphenyl	78		75		30-120
4-Terphenyl-d14	106		77		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-01
Client ID: DP-124-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 07:34
Analyst: BS
Percent Solids: 92%

Date Collected: 07/22/15 07:45
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	18.		mg/kg	2.6	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-01 D
Client ID: DP-124-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 10:30
Analyst: AR
Percent Solids: 92%

Date Collected: 07/22/15 07:45
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	3750		mg/kg	713	79.5	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-02
Client ID: DP-124-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 14:31
Analyst: BS
Percent Solids: 86%

Date Collected: 07/22/15 07:50
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	3.3		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	81		70-130
4-Bromofluorobenzene	71		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-02 D
Client ID: DP-124-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 12:18
Analyst: AR
Percent Solids: 86%

Date Collected: 07/22/15 07:50
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	918.		mg/kg	382	42.7	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-03
Client ID: DP-124-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 16:32
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 07:58
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-03
 Client ID: DP-124-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 08:42
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/22/15 07:58
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	19.5	J	mg/kg	38.5	4.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-04
Client ID: DP-124-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 17:12
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 08:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-04
Client ID: DP-124-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 08:06
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 08:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	8.97	J	mg/kg	39.0	4.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-05
Client ID: DP-124-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 17:52
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 08:02
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-05
 Client ID: DP-124-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 00:09
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/22/15 08:02
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	38.6	4.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-06
Client ID: DP-125-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 18:33
Analyst: BS
Percent Solids: 90%

Date Collected: 07/22/15 08:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2.8		mg/kg	2.7	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-06 D
Client ID: DP-125-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 11:42
Analyst: AR
Percent Solids: 90%

Date Collected: 07/22/15 08:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	2070		mg/kg	714	79.7	20
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	90		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-07
Client ID: DP-125-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 19:13
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 08:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-07
Client ID: DP-125-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 09:18
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 08:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	44.1		mg/kg	39.7	4.43	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	80		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-08
Client ID: DP-125-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 19:53
Analyst: BS
Percent Solids: 81%

Date Collected: 07/22/15 08:18
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-08
Client ID: DP-125-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 23:04
Analyst: AR
Percent Solids: 81%

Date Collected: 07/22/15 08:18
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	16.0	J	mg/kg	39.3	4.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-09
Client ID: DP-125-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 20:34
Analyst: BS
Percent Solids: 82%

Date Collected: 07/22/15 08:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-09
Client ID: DP-125-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 23:36
Analyst: AR
Percent Solids: 82%

Date Collected: 07/22/15 08:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	12.0	J	mg/kg	39.4	4.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-10
Client ID: DP-125-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:14
Analyst: BS
Percent Solids: 84%

Date Collected: 07/22/15 08:23
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-10
Client ID: DP-125-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 01:46
Analyst: AR
Percent Solids: 84%

Date Collected: 07/22/15 08:23
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.7	4.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-11
 Client ID: DP-125-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 21:54
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/22/15 08:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-11
 Client ID: DP-125-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:18
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/22/15 08:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	38.2	4.27	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	77		40-140			

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-12
 Client ID: DP-126-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 23:15
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/22/15 08:35
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	11.		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-12 D
Client ID: DP-126-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 11:06
Analyst: AR
Percent Solids: 89%

Date Collected: 07/22/15 08:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	3780		mg/kg	731	81.6	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-13
Client ID: DP-126-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 22:35
Analyst: BS
Percent Solids: 89%

Date Collected: 07/22/15 08:38
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-13
Client ID: DP-126-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 22:31
Analyst: AR
Percent Solids: 89%

Date Collected: 07/22/15 08:38
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	14.6	J	mg/kg	36.5	4.08	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-14
Client ID: DP-126-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 02:36
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 08:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-14
 Client ID: DP-126-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 21:59
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/22/15 08:40
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.6	4.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-15
 Client ID: DP-126-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 04:37
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/22/15 08:43
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-15
 Client ID: DP-126-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 04:34
 Analyst: SR
 Percent Solids: 83%

Date Collected: 07/22/15 08:43
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	40.0	4.47	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	87		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-16
Client ID: DP-126-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 05:17
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 08:45
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-16
 Client ID: DP-126-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 00:41
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/22/15 08:45
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.4	4.40	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	78		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-17
Client ID: DP-127-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 05:57
Analyst: BS
Percent Solids: 93%

Date Collected: 07/22/15 09:12
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.4	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-17 D
Client ID: DP-127-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:06
Analyst: AR
Percent Solids: 93%

Date Collected: 07/22/15 09:12
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	249.		mg/kg	178	19.9	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-18
 Client ID: DP-127-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 06:37
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/22/15 09:15
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-18 D
Client ID: DP-127-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 12:54
Analyst: AR
Percent Solids: 87%

Date Collected: 07/22/15 09:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	808.		mg/kg	375	41.8	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-19
Client ID: DP-127-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 11:46
Analyst: BS
Percent Solids: 81%

Date Collected: 07/22/15 09:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-19 D
Client ID: DP-127-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 13:30
Analyst: AR
Percent Solids: 81%

Date Collected: 07/22/15 09:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	455.		mg/kg	197	22.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-20
Client ID: DP-127-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 07:58
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 09:22
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-20
Client ID: DP-127-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 01:13
Analyst: AR
Percent Solids: 85%

Date Collected: 07/22/15 09:22
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.0	4.35	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-21
 Client ID: DP-127-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 19:31
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/22/15 09:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	4.38	J	mg/kg	39.2	4.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-21
 Client ID: DP-127-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 08:38
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/22/15 09:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.5	0.049	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-22
Client ID: DP-128-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 09:18
Analyst: BS
Percent Solids: 94%

Date Collected: 07/22/15 09:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.6	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-22 D
Client ID: DP-128-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:53
Analyst: AR
Percent Solids: 94%

Date Collected: 07/22/15 09:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	372.		mg/kg	173	19.3	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-23
 Client ID: DP-128-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 20:06
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/22/15 09:43
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	22.1	J	mg/kg	36.0	4.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-23
Client ID: DP-128-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 09:58
Analyst: BS
Percent Solids: 89%

Date Collected: 07/22/15 09:43
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-24
 Client ID: DP-128-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 21:53
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/22/15 09:45
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	15.1	J	mg/kg	38.2	4.27	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-24
 Client ID: DP-128-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 10:39
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/22/15 09:45
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-25
Client ID: DP-128-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 01:28
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 09:48
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	38.6	4.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-25
Client ID: DP-128-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 11:19
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 09:48
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-26
Client ID: DP-128-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 00:16
Analyst: AR
Percent Solids: 81%

Date Collected: 07/22/15 09:50
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	9.42	J	mg/kg	39.9	4.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	99		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-26
Client ID: DP-128-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 13:45
Analyst: BS
Percent Solids: 81%

Date Collected: 07/22/15 09:50
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-27
Client ID: DP-129-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 23:04
Analyst: AR
Percent Solids: 86%

Date Collected: 07/22/15 10:30
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	7.32	J	mg/kg	36.6	4.09	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-27
Client ID: DP-129-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:24
Analyst: BS
Percent Solids: 86%

Date Collected: 07/22/15 10:30
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-28
Client ID: DP-129-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 20:42
Analyst: AR
Percent Solids: 86%

Date Collected: 07/22/15 10:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	75.2		mg/kg	37.1	4.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-28
Client ID: DP-129-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 15:04
Analyst: BS
Percent Solids: 86%

Date Collected: 07/22/15 10:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-29
 Client ID: DP-129-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 00:16
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/22/15 10:40
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	4.55	J	mg/kg	38.6	4.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-29
Client ID: DP-129-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 15:43
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 10:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-30
Client ID: DP-129-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 00:52
Analyst: AR
Percent Solids: 85%

Date Collected: 07/22/15 10:45
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	38.8	4.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-30
Client ID: DP-129-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 16:23
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 10:45
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-31
 Client ID: DP-129-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 23:40
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/22/15 10:48
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	36.4	4.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-31
Client ID: DP-129-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 17:02
Analyst: BS
Percent Solids: 86%

Date Collected: 07/22/15 10:48
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-32
 Client ID: DP-130-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 23:04
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/22/15 10:50
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	182.		mg/kg	36.8	4.10	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-32
 Client ID: DP-130-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 17:42
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/22/15 10:50
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-33
 Client ID: DP-130-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 19:31
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/22/15 10:52
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	15.4	J	mg/kg	36.2	4.05	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-33
Client ID: DP-130-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 18:21
Analyst: BS
Percent Solids: 87%

Date Collected: 07/22/15 10:52
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-34
 Client ID: DP-130-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 20:06
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/22/15 10:55
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	7.75	J	mg/kg	37.7	4.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-34
Client ID: DP-130-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 19:01
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 10:55
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.058	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-35
Client ID: DP-130-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 20:42
Analyst: AR
Percent Solids: 84%

Date Collected: 07/22/15 11:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.4	4.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-35
Client ID: DP-130-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 19:40
Analyst: BS
Percent Solids: 84%

Date Collected: 07/22/15 11:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-36
Client ID: DP-130-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:18
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 11:05
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.2	4.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	102		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-36
Client ID: DP-130-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 20:19
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 11:05
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-37
Client ID: DP-131-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:53
Analyst: BS
Percent Solids: 99%

Date Collected: 07/22/15 11:22
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1.5	J	mg/kg	2.4	0.047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-37 D
Client ID: DP-131-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:18
Analyst: AR
Percent Solids: 99%

Date Collected: 07/22/15 11:22
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	3680		mg/kg	671	74.8	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	52		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-38
 Client ID: DP-131-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 00:40
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/22/15 11:25
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-38
Client ID: DP-131-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 22:29
Analyst: AR
Percent Solids: 88%

Date Collected: 07/22/15 11:25
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	154.		mg/kg	37.3	4.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-39
Client ID: DP-131-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 02:43
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 11:30
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-39
 Client ID: DP-131-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 18:20
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/22/15 11:30
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	58.4		mg/kg	37.6	4.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	100		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-40
 Client ID: DP-131-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 03:23
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/22/15 11:33
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-40
Client ID: DP-131-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 18:55
Analyst: AR
Percent Solids: 84%

Date Collected: 07/22/15 11:33
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	42.1		mg/kg	37.8	4.22	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	90		40-140			

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-41
 Client ID: DP-132-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 02:10
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/22/15 13:30
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	130.		mg/kg	36.4	4.06	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-41
 Client ID: DP-132-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 04:04
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/22/15 13:30
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-42
Client ID: DP-132-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 03:57
Analyst: AR
Percent Solids: 91%

Date Collected: 07/22/15 13:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	12.8	J	mg/kg	35.6	3.97	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-42
Client ID: DP-132-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 04:45
Analyst: BS
Percent Solids: 91%

Date Collected: 07/22/15 13:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.4	0.047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-43
Client ID: DP-132-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 05:26
Analyst: BS
Percent Solids: 81%

Date Collected: 07/22/15 13:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-43
Client ID: DP-132-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:02
Analyst: AR
Percent Solids: 81%

Date Collected: 07/22/15 13:40
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	7.11	J	mg/kg	38.7	4.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-44
Client ID: DP-132-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 06:07
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 13:42
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-44
Client ID: DP-132-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 10:14
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 13:42
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	6.02	J	mg/kg	38.1	4.25	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-45
Client ID: DP-133-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 06:48
Analyst: BS
Percent Solids: 90%

Date Collected: 07/22/15 14:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-45 D
Client ID: DP-133-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 13:45
Analyst: AR
Percent Solids: 90%

Date Collected: 07/22/15 14:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	714.		mg/kg	175	19.6	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	67		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-46
Client ID: DP-133-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 07:28
Analyst: BS
Percent Solids: 83%

Date Collected: 07/22/15 14:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.058	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-46
Client ID: DP-133-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 10:50
Analyst: AR
Percent Solids: 83%

Date Collected: 07/22/15 14:20
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.32	J	mg/kg	38.5	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-47
Client ID: DP-133-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 08:09
Analyst: BS
Percent Solids: 85%

Date Collected: 07/22/15 14:25
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-47
Client ID: DP-133-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 11:26
Analyst: AR
Percent Solids: 85%

Date Collected: 07/22/15 14:25
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	5.64	J	mg/kg	38.0	4.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-48
Client ID: DP-133-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 08:50
Analyst: BS
Percent Solids: 82%

Date Collected: 07/22/15 14:30
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.057	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-48
 Client ID: DP-133-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 13:45
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/22/15 14:30
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	6.96	J	mg/kg	39.4	4.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-49
Client ID: DP-133-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 09:31
Analyst: BS
Percent Solids: 80%

Date Collected: 07/22/15 14:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.059	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-49
 Client ID: DP-133-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 14:21
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/22/15 14:35
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	5.22	J	mg/kg	40.3	4.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	105		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-50
 Client ID: DP-133-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 12:55
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/22/15 14:26
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-50
Client ID: DP-133-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 14:57
Analyst: AR
Percent Solids: 85%

Date Collected: 07/22/15 14:26
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	38.3	4.28	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	83		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-51
Client ID: DP-134-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 17:42
Analyst: BS
Percent Solids: 90%

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.3	0.045	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	78		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-51 D
Client ID: DP-134-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:02
Analyst: AR
Percent Solids: 90%

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1320		mg/kg	182	20.4	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-52
Client ID: DP-134-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 18:23
Analyst: BS
Percent Solids: 89%

Date Collected: 07/22/15 15:05
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-52 D
Client ID: DP-134-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:38
Analyst: AR
Percent Solids: 89%

Date Collected: 07/22/15 15:05
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1200		mg/kg	184	20.6	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-53
 Client ID: DP-134-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 15:33
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/22/15 15:08
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	4.93	J	mg/kg	38.4	4.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-53
Client ID: DP-134-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 19:04
Analyst: BS
Percent Solids: 82%

Date Collected: 07/22/15 15:08
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.058	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-54
Client ID: DP-134-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 14:57
Analyst: AR
Percent Solids: 84%

Date Collected: 07/22/15 15:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	18.9	J	mg/kg	38.1	4.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-54
Client ID: DP-134-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 19:44
Analyst: BS
Percent Solids: 84%

Date Collected: 07/22/15 15:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	70		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-55
 Client ID: DP-134-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 15:33
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/22/15 15:15
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/23/15 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	8.87	J	mg/kg	38.6	4.30	1
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	80		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-55
Client ID: DP-134-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 20:25
Analyst: BS
Percent Solids: 82%

Date Collected: 07/22/15 15:15
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.055	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-56
Client ID: DP-135-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:06
Analyst: BS
Percent Solids: 88%

Date Collected: 07/22/15 15:25
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	7.1		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-56 D
Client ID: DP-135-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:38
Analyst: AR
Percent Solids: 88%

Date Collected: 07/22/15 15:25
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1000		mg/kg	189	21.1	5
Surrogate	% Recovery	Qualifier	Acceptance Criteria			
o-Terphenyl	75		40-140			

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-57
Client ID: DP-135-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 21:47
Analyst: BS
Percent Solids: 88%

Date Collected: 07/22/15 15:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	7.5		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-57 D
Client ID: DP-135-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 13:14
Analyst: AR
Percent Solids: 88%

Date Collected: 07/22/15 15:35
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1180		mg/kg	181	20.2	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-58
 Client ID: EB01-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 12:57
 Analyst: AR

Date Collected: 07/22/15 16:00
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	138	J	ug/l	500	21.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-58
 Client ID: EB01-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 14:58
 Analyst: BS

Date Collected: 07/22/15 16:00
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/l	50	3.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
 Client ID: GTW-661-804-3-5
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 13:58
 Analyst: AR

Date Collected: 07/22/15 09:06
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1710		ug/l	500	21.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-60 D
Client ID: GTW-661-804-3-5
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 15:39
Analyst: BS

Date Collected: 07/22/15 09:06
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1400		ug/l	500	30.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-61
 Client ID: GTW-605-802-6-3
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 14:33
 Analyst: AR

Date Collected: 07/22/15 13:10
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	230	J	ug/l	602	25.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516980**Project Number:** 40223-002**Report Date:** 08/02/15**SAMPLE RESULTS**

Lab ID: L1516980-61
Client ID: GTW-605-802-6-3
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 16:20
Analyst: BS

Date Collected: 07/22/15 13:10
Date Received: 07/22/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/l	50	3.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
 Client ID: EB02-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 15:09
 Analyst: AR

Date Collected: 07/22/15 16:10
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/23/15 09:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1360		ug/l	500	21.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	54		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
 Client ID: EB02-072215
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/25/15 17:01
 Analyst: BS

Date Collected: 07/22/15 16:10
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/l	50	3.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 11:06
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/23/15 09:59

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 58,60-62 Batch: WG805315-1					
Total Petroleum Hydrocarbons (C9-C44)	133	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	58		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 06:55
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/23/15 11:58

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-20 Batch: WG805374-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.9	3.68

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 17:47
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/23/15 13:45

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 21-40 Batch: WG805413-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.3	3.61

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 00:24
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/23/15 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 41-57 Batch: WG805436-1					
Total Petroleum Hydrocarbons (C9-C44)	10.1	J	mg/kg	32.6	3.64

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 13:51
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02-13 Batch: WG806165-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 01:56
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 14-18,20-25 Batch: WG806166-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 23:59
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 38-49 Batch: WG806185-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:14
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 58,60-62 Batch: WG806187-8					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/25/15 12:14
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 50-57 Batch: WG806188-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 23:04
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG806224-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 11:07
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 19,26-36 Batch: WG806650-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:12
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 37 Batch: WG806657-3					
Gasoline Range Organics	1.5	J	mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	87		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 58,60-62 Batch: WG805315-2								
Total Petroleum Hydrocarbons (C9-C44)	93		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	80				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-20 Batch: WG805374-2								
Total Petroleum Hydrocarbons (C9-C44)	78		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	73				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 Batch: WG805413-2								
Total Petroleum Hydrocarbons (C9-C44)	88		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	72				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-57 Batch: WG805436-2								
Total Petroleum Hydrocarbons (C9-C44)	90		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	78				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 Batch: WG806165-1 WG806165-2								
Gasoline Range Organics	90		89		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	95		94		70-130
4-Bromofluorobenzene	91		90		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-18,20-25 Batch: WG806166-1 WG806166-2								
Gasoline Range Organics	90		90		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	94		95		70-130
4-Bromofluorobenzene	90		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 38-49 Batch: WG806185-1 WG806185-2								
Gasoline Range Organics	99		109		80-120	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	108		110		70-130
4-Bromofluorobenzene	114		113		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,60-62 Batch: WG806187-6 WG806187-7								
Gasoline Range Organics	105		104		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	105		105		70-130
4-Bromofluorobenzene	109		110		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 50-57 Batch: WG806188-1 WG806188-2								
Gasoline Range Organics	105		104		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	105		105		70-130
4-Bromofluorobenzene	109		110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG806224-1 WG806224-2								
Gasoline Range Organics	91		91		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		100		70-130
4-Bromofluorobenzene	107		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 19,26-36 Batch: WG806650-1 WG806650-2								
Gasoline Range Organics	84		93		80-120	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	106		106		70-130
4-Bromofluorobenzene	110		109		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 37 Batch: WG806657-1 WG806657-2								
Gasoline Range Organics	85		91		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	101		99		70-130
4-Bromofluorobenzene	92		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG806165-5 QC Sample: L1516980-02 Client ID: DP-124-SO-050-01												
Gasoline Range Organics	3.3	23.4	22	80		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	91				70-130
4-Bromofluorobenzene	74				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-18,20-25 QC Batch ID: WG806166-5 QC Sample: L1516980-14 Client ID: DP-126-SO-100-01												
Gasoline Range Organics	ND	21.8	18	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,1,1-Trifluorotoluene	83				70-130
4-Bromofluorobenzene	73				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 38-49 QC Batch ID: WG806185-5 QC Sample: L1516980-38 Client ID: DP-131-SO-050-01												
Gasoline Range Organics	ND	22.4	23	103		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	105				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,60-62 QC Batch ID: WG806187-5 QC Sample: L1515003-74 Client ID: MS Sample												
Gasoline Range Organics	ND	400	380	94		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	95				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 50-57 QC Batch ID: WG806188-5 QC Sample: L1516980-50 Client ID: DP-133-SO-100-02												
Gasoline Range Organics	ND	22.6	10	45	Q	-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	58	Q			70-130
4-Bromofluorobenzene	29	Q			70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG806224-5 QC Sample: L1516903-48 Client ID: MS Sample												
Gasoline Range Organics	1.4J	23.3	19	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	100				70-130
4-Bromofluorobenzene	98				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 19,26-36 QC Batch ID: WG806650-5 QC Sample: L1516980-19 Client ID: DP-127-SO-100-01												
Gasoline Range Organics	ND	23.8	20	84		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	99				70-130
4-Bromofluorobenzene	105				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 37 QC Batch ID: WG806657-5 QC Sample: L1516980-37 Client ID: DP-131-SO-010-01												
Gasoline Range Organics	1.5J	19.4	17	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	95				70-130
4-Bromofluorobenzene	77				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 58,60-62 QC Batch ID: WG805315-3 QC Sample: L1516980-58 Client ID: EB01-072215						
Total Petroleum Hydrocarbons (C9-C44)	138.J	157J	ug/l	NC		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		67		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805374-3 QC Sample: L1516980-01 Client ID: DP-124-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	3750	2840	mg/kg	28		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		64		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805413-3 QC Sample: L1516980-21 Client ID: DP-127-SO-300-01					
Total Petroleum Hydrocarbons (C9-C44)	4.38J	ND	mg/kg	NC	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		76		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805436-3 QC Sample: L1516980-41 Client ID: DP-132-SO-010-01					
Total Petroleum Hydrocarbons (C9-C44)	130		47.7		93 Q 40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		88		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG806165-4 QC Sample: L1516980-02 Client ID: DP-124-SO-050-01					
Gasoline Range Organics	3.3	4.4	mg/kg	29	Q 20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	81		89		70-130
4-Bromofluorobenzene	71		75		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-18,20-25 QC Batch ID: WG806166-4 QC Sample: L1516980-14 Client ID: DP-126-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87	76	70-130
4-Bromofluorobenzene	74	72	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 38-49 QC Batch ID: WG806185-4 QC Sample: L1516980-38 Client ID: DP-131-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98	97	70-130
4-Bromofluorobenzene	98	100	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,60-62 QC Batch ID: WG806187-4 QC Sample: L1515003-74 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		99		70-130
4-Bromofluorobenzene	91		95		70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 50-57 QC Batch ID: WG806188-4 QC Sample: L1516980-50 Client ID: DP-133-SO-100-02					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		94		70-130
4-Bromofluorobenzene	99		97		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG806224-4 QC Sample: L1516903-48 Client ID: DUP Sample					
Gasoline Range Organics	1.4J	1.3J	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96	96	70-130
4-Bromofluorobenzene	101	100	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 19,26-36 QC Batch ID: WG806650-4 QC Sample: L1516980-19 Client ID: DP-127-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		108		70-130
4-Bromofluorobenzene	102		109		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 37 QC Batch ID: WG806657-4 QC Sample: L1516980-37 Client ID: DP-131-SO-010-01					
Gasoline Range Organics	1.5J	1.8J	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97	99	70-130
4-Bromofluorobenzene	80	82	70-130



METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-01
 Client ID: DP-124-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 92%

Date Collected: 07/22/15 07:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4900		mg/kg	8.6	1.7	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Arsenic, Total	1.6		mg/kg	0.86	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Barium, Total	28		mg/kg	0.86	0.26	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Beryllium, Total	0.16	J	mg/kg	0.43	0.09	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Calcium, Total	54000		mg/kg	8.6	2.6	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Chromium, Total	22		mg/kg	0.86	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Cobalt, Total	4.5		mg/kg	1.7	0.43	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Copper, Total	18		mg/kg	0.86	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Iron, Total	12000		mg/kg	4.3	1.7	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Lead, Total	13		mg/kg	4.3	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Magnesium, Total	17000		mg/kg	8.6	0.86	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Manganese, Total	140		mg/kg	0.86	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/25/15 05:32	07/27/15 19:35	EPA 7471B	1,7471B	EA
Nickel, Total	30		mg/kg	2.1	0.34	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Potassium, Total	370		mg/kg	210	34.	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.86	0.17	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Sodium, Total	220		mg/kg	170	26.	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Vanadium, Total	34		mg/kg	0.86	0.09	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC
Zinc, Total	22		mg/kg	4.3	0.60	2	07/23/15 14:45	07/27/15 19:30	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-02
 Client ID: DP-124-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/22/15 07:50
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	9.0	1.8	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Arsenic, Total	1.6		mg/kg	0.90	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Barium, Total	140		mg/kg	0.90	0.27	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.39	J	mg/kg	0.45	0.09	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Calcium, Total	36000		mg/kg	9.0	2.7	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	0.90	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Cobalt, Total	5.2		mg/kg	1.8	0.45	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Copper, Total	13		mg/kg	0.90	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Iron, Total	11000		mg/kg	4.5	1.8	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Lead, Total	520		mg/kg	4.5	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Magnesium, Total	3700		mg/kg	9.0	0.90	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	0.90	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.73		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:42	EPA 7471B	1,7471B	EA
Nickel, Total	7.4		mg/kg	2.2	0.36	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Potassium, Total	720		mg/kg	220	36.	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.30	J	mg/kg	1.8	0.27	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Sodium, Total	300		mg/kg	180	27.	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.90	0.09	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC
Zinc, Total	99		mg/kg	4.5	0.63	2	07/23/15 14:45	07/27/15 19:34	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-03
 Client ID: DP-124-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 07:58
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8100		mg/kg	9.4	1.9	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.94	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Barium, Total	61		mg/kg	0.94	0.28	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Beryllium, Total	0.62		mg/kg	0.47	0.09	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Calcium, Total	870		mg/kg	9.4	2.8	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.94	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Cobalt, Total	8.4		mg/kg	1.9	0.47	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	0.94	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Iron, Total	17000		mg/kg	4.7	1.9	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Lead, Total	15		mg/kg	4.7	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Magnesium, Total	2200		mg/kg	9.4	0.94	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Manganese, Total	130		mg/kg	0.94	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:44	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.4	0.38	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Potassium, Total	500		mg/kg	240	38.	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Selenium, Total	0.29	J	mg/kg	1.9	0.28	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Sodium, Total	140	J	mg/kg	190	28.	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Vanadium, Total	21		mg/kg	0.94	0.09	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC
Zinc, Total	46		mg/kg	4.7	0.66	2	07/23/15 14:45	07/27/15 19:38	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-04
 Client ID: DP-124-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.3	1.8	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.93	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Barium, Total	74		mg/kg	0.93	0.28	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Beryllium, Total	0.75		mg/kg	0.46	0.09	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Calcium, Total	360		mg/kg	9.3	2.8	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.93	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Cobalt, Total	19		mg/kg	1.8	0.46	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.93	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.6	1.8	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Lead, Total	15		mg/kg	4.6	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Magnesium, Total	2900		mg/kg	9.3	0.93	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Manganese, Total	640		mg/kg	0.93	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:45	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.3	0.37	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Potassium, Total	450		mg/kg	230	37.	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Selenium, Total	0.34	J	mg/kg	1.8	0.28	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.18	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	180	28.	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.93	0.09	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT
Zinc, Total	53		mg/kg	4.6	0.65	2	07/23/15 16:33	07/24/15 15:33	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-05
 Client ID: DP-124-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:02
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9200		mg/kg	9.3	1.9	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Barium, Total	78		mg/kg	0.93	0.28	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.70		mg/kg	0.46	0.09	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Calcium, Total	460		mg/kg	9.3	2.8	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.9	0.46	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.9	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.6	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.3	0.93	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Manganese, Total	320		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:47	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.37	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	230	37.	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Sodium, Total	170	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.93	0.09	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT
Zinc, Total	45		mg/kg	4.6	0.65	2	07/23/15 16:33	07/24/15 15:59	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-06
 Client ID: DP-125-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/22/15 08:10
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4200		mg/kg	8.4	1.7	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Arsenic, Total	0.17	J	mg/kg	0.84	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Barium, Total	47		mg/kg	0.84	0.25	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Beryllium, Total	0.14	J	mg/kg	0.42	0.08	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.84	0.06	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Calcium, Total	14000		mg/kg	8.4	2.5	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.84	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Cobalt, Total	2.7		mg/kg	1.7	0.42	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.84	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Iron, Total	8100		mg/kg	4.2	1.7	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.2	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Magnesium, Total	2900		mg/kg	8.4	0.84	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Manganese, Total	73		mg/kg	0.84	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/25/15 05:32	07/27/15 19:53	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	2.1	0.34	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Potassium, Total	400		mg/kg	210	34.	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.84	0.17	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Sodium, Total	430		mg/kg	170	25.	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.84	0.08	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT
Zinc, Total	13		mg/kg	4.2	0.59	2	07/23/15 16:33	07/24/15 16:03	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-07
 Client ID: DP-125-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	9.6	1.9	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Arsenic, Total	0.29	J	mg/kg	0.96	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Barium, Total	120		mg/kg	0.96	0.29	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.48	0.10	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Calcium, Total	11000		mg/kg	9.6	2.9	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.96	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Cobalt, Total	8.2		mg/kg	1.9	0.48	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.96	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.8	1.9	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Lead, Total	490		mg/kg	4.8	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Magnesium, Total	1800		mg/kg	9.6	0.96	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Manganese, Total	160		mg/kg	0.96	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Mercury, Total	0.45		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:54	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Potassium, Total	590		mg/kg	240	38.	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.96	0.19	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Sodium, Total	330		mg/kg	190	29.	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.96	0.10	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT
Zinc, Total	140		mg/kg	4.8	0.67	2	07/23/15 16:33	07/24/15 16:06	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-08
 Client ID: DP-125-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/22/15 08:18
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.4	1.9	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Barium, Total	95		mg/kg	0.94	0.28	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Beryllium, Total	0.83		mg/kg	0.47	0.09	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Calcium, Total	1600		mg/kg	9.4	2.8	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Cobalt, Total	8.6		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Lead, Total	22		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Magnesium, Total	2900		mg/kg	9.4	0.94	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Manganese, Total	120		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:56	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.4	0.38	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Potassium, Total	530		mg/kg	240	38.	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Sodium, Total	170	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Thallium, Total	0.46	J	mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.94	0.09	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT
Zinc, Total	60		mg/kg	4.7	0.66	2	07/23/15 16:33	07/24/15 16:10	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-09
 Client ID: DP-125-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/22/15 08:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	9.3	1.9	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Barium, Total	70		mg/kg	0.93	0.28	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Beryllium, Total	0.58		mg/kg	0.47	0.09	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Calcium, Total	4000		mg/kg	9.3	2.8	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Cobalt, Total	7.6		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Lead, Total	32		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	9.3	0.93	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:58	EPA 7471B	1,7471B	EA
Nickel, Total	9.7		mg/kg	2.3	0.37	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Potassium, Total	490		mg/kg	230	37.	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Vanadium, Total	19		mg/kg	0.93	0.09	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT
Zinc, Total	66		mg/kg	4.7	0.65	2	07/23/15 16:33	07/24/15 16:14	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-10
 Client ID: DP-125-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 08:23
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.5	1.9	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Barium, Total	90		mg/kg	0.95	0.29	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Beryllium, Total	0.76		mg/kg	0.48	0.10	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Calcium, Total	420		mg/kg	9.5	2.9	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Chromium, Total	22		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Cobalt, Total	6.6		mg/kg	1.9	0.48	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.8	1.9	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.8	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	9.5	0.95	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:59	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.4	0.38	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	240	38.	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Sodium, Total	280		mg/kg	190	29.	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.95	0.10	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT
Zinc, Total	51		mg/kg	4.8	0.67	2	07/23/15 16:33	07/24/15 16:33	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-11
 Client ID: DP-125-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 08:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8200		mg/kg	9.1	1.8	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Arsenic, Total	0.20	J	mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Barium, Total	74		mg/kg	0.91	0.27	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Beryllium, Total	0.63		mg/kg	0.46	0.09	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Calcium, Total	460		mg/kg	9.1	2.7	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Cobalt, Total	8.9		mg/kg	1.8	0.46	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.6	1.8	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.6	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.1	0.91	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Manganese, Total	320		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:01	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.36	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Potassium, Total	400		mg/kg	230	36.	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	27.	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.91	0.09	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT
Zinc, Total	42		mg/kg	4.6	0.64	2	07/23/15 16:33	07/24/15 16:36	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-12
 Client ID: DP-126-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 08:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5100		mg/kg	9.0	1.8	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Arsenic, Total	1.2		mg/kg	0.90	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Barium, Total	40		mg/kg	0.90	0.27	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Beryllium, Total	0.15	J	mg/kg	0.45	0.09	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Calcium, Total	69000		mg/kg	9.0	2.7	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Chromium, Total	27		mg/kg	0.90	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Cobalt, Total	5.2		mg/kg	1.8	0.45	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.90	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Iron, Total	8300		mg/kg	4.5	1.8	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Lead, Total	16		mg/kg	4.5	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Magnesium, Total	9000		mg/kg	9.0	0.90	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Manganese, Total	150		mg/kg	0.90	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	07/25/15 05:32	07/27/15 20:03	EPA 7471B	1,7471B	EA
Nickel, Total	46		mg/kg	2.2	0.36	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Potassium, Total	490		mg/kg	220	36.	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Sodium, Total	230		mg/kg	180	27.	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.90	0.09	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT
Zinc, Total	24		mg/kg	4.5	0.63	2	07/23/15 16:33	07/24/15 16:40	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-13
 Client ID: DP-126-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 08:38
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	8.5	1.7	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Arsenic, Total	7.4		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Barium, Total	56		mg/kg	0.85	0.25	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Beryllium, Total	0.47		mg/kg	0.42	0.09	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.85	0.06	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Calcium, Total	950		mg/kg	8.5	2.5	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Cobalt, Total	5.8		mg/kg	1.7	0.42	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Copper, Total	8.8		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.2	1.7	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Lead, Total	28		mg/kg	4.2	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Magnesium, Total	970		mg/kg	8.5	0.85	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Manganese, Total	96		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Mercury, Total	0.55		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:04	EPA 7471B	1,7471B	EA
Nickel, Total	6.3		mg/kg	2.1	0.34	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Potassium, Total	500		mg/kg	210	34.	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Selenium, Total	0.44	J	mg/kg	1.7	0.25	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	170	25.	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Thallium, Total	0.39	J	mg/kg	1.7	0.34	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.85	0.09	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT
Zinc, Total	57		mg/kg	4.2	0.59	2	07/23/15 16:33	07/24/15 16:44	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-14
 Client ID: DP-126-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6400		mg/kg	9.1	1.8	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Barium, Total	74		mg/kg	0.91	0.27	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Beryllium, Total	0.51		mg/kg	0.45	0.09	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Calcium, Total	15000		mg/kg	9.1	2.7	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Cobalt, Total	9.2		mg/kg	1.8	0.45	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.5	1.8	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Lead, Total	31		mg/kg	4.5	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Magnesium, Total	1600		mg/kg	9.1	0.91	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Manganese, Total	110		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Mercury, Total	0.12		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:06	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.36	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	230	36.	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Selenium, Total	0.45	J	mg/kg	1.8	0.27	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Sodium, Total	170	J	mg/kg	180	27.	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Vanadium, Total	18		mg/kg	0.91	0.09	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.5	0.64	2	07/23/15 16:33	07/24/15 16:48	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-15
 Client ID: DP-126-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:43
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.4	1.9	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Arsenic, Total	0.63	J	mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Barium, Total	72		mg/kg	0.94	0.28	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Beryllium, Total	0.77		mg/kg	0.47	0.09	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Calcium, Total	190		mg/kg	9.4	2.8	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Cobalt, Total	9.1		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Iron, Total	28000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	9.4	0.94	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Manganese, Total	340		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:08	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.38	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	230	38.	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Selenium, Total	0.32	J	mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Vanadium, Total	29		mg/kg	0.94	0.09	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.7	0.66	2	07/23/15 16:33	07/24/15 16:51	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-16
 Client ID: DP-126-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 08:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8100		mg/kg	9.3	1.9	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Barium, Total	60		mg/kg	0.93	0.28	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Beryllium, Total	0.64		mg/kg	0.47	0.09	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Calcium, Total	320		mg/kg	9.3	2.8	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Cobalt, Total	6.0		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.3	0.93	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Manganese, Total	230		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:13	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.37	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Potassium, Total	370		mg/kg	230	37.	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Selenium, Total	0.36	J	mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Sodium, Total	130	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.93	0.09	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT
Zinc, Total	42		mg/kg	4.7	0.65	2	07/23/15 16:33	07/24/15 16:55	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-17
 Client ID: DP-127-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 07/22/15 09:12
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7600		mg/kg	8.6	1.7	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Arsenic, Total	2.8		mg/kg	0.86	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Barium, Total	34		mg/kg	0.86	0.26	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.19	J	mg/kg	0.43	0.09	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Calcium, Total	14000		mg/kg	8.6	2.6	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.86	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Cobalt, Total	6.8		mg/kg	1.7	0.43	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Copper, Total	35		mg/kg	0.86	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.3	1.7	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Lead, Total	15		mg/kg	4.3	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Magnesium, Total	7100		mg/kg	8.6	0.86	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.86	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/25/15 05:32	07/27/15 20:15	EPA 7471B	1,7471B	EA
Nickel, Total	33		mg/kg	2.1	0.34	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	210	34.	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Sodium, Total	94	J	mg/kg	170	26.	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Vanadium, Total	38		mg/kg	0.86	0.09	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT
Zinc, Total	29		mg/kg	4.3	0.60	2	07/23/15 16:33	07/24/15 16:59	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-18
 Client ID: DP-127-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/22/15 09:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9000		mg/kg	8.8	1.8	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.88	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Barium, Total	70		mg/kg	0.88	0.26	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Beryllium, Total	0.39	J	mg/kg	0.44	0.09	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Calcium, Total	39000		mg/kg	8.8	2.6	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Chromium, Total	43		mg/kg	0.88	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Cobalt, Total	7.1		mg/kg	1.8	0.44	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Copper, Total	21		mg/kg	0.88	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.4	1.8	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Lead, Total	22		mg/kg	4.4	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Magnesium, Total	7800		mg/kg	8.8	0.88	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Manganese, Total	280		mg/kg	0.88	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Mercury, Total	0.070	J	mg/kg	0.072	0.015	1	07/25/15 05:32	07/27/15 20:17	EPA 7471B	1,7471B	EA
Nickel, Total	32		mg/kg	2.2	0.35	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Potassium, Total	1400		mg/kg	220	35.	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Sodium, Total	94	J	mg/kg	180	26.	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Vanadium, Total	32		mg/kg	0.88	0.09	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	4.4	0.62	2	07/23/15 16:33	07/24/15 17:02	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-19
 Client ID: DP-127-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/22/15 09:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.5	1.9	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Arsenic, Total	0.67	J	mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Barium, Total	29		mg/kg	0.95	0.28	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Beryllium, Total	0.23	J	mg/kg	0.47	0.10	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Calcium, Total	1500		mg/kg	9.5	2.8	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Cobalt, Total	3.2		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Magnesium, Total	450		mg/kg	9.5	0.95	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Manganese, Total	81		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:18	EPA 7471B	1,7471B	EA
Nickel, Total	5.0		mg/kg	2.4	0.38	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Potassium, Total	380		mg/kg	240	38.	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Sodium, Total	ND		mg/kg	190	28.	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Thallium, Total	0.59	J	mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Vanadium, Total	30		mg/kg	0.95	0.10	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT
Zinc, Total	21		mg/kg	4.7	0.66	2	07/23/15 16:33	07/24/15 17:21	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-20
 Client ID: DP-127-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 09:22
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8400		mg/kg	8.9	1.8	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Arsenic, Total	0.21	J	mg/kg	0.89	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Barium, Total	52		mg/kg	0.89	0.27	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Beryllium, Total	0.63		mg/kg	0.44	0.09	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Calcium, Total	230		mg/kg	8.9	2.7	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.89	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Cobalt, Total	25		mg/kg	1.8	0.44	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.89	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.4	1.8	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.4	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	8.9	0.89	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Manganese, Total	700		mg/kg	0.89	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 20:20	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.2	0.35	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Potassium, Total	320		mg/kg	220	35.	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Sodium, Total	51	J	mg/kg	180	27.	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.89	0.09	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT
Zinc, Total	41		mg/kg	4.4	0.62	2	07/23/15 16:33	07/24/15 17:25	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-21
 Client ID: DP-127-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 09:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9300		mg/kg	9.5	1.9	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Arsenic, Total	0.22	J	mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Barium, Total	86		mg/kg	0.95	0.28	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.47	0.10	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Calcium, Total	290		mg/kg	9.5	2.8	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Cobalt, Total	12		mg/kg	1.9	0.47	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.7	1.9	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.7	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.5	0.95	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Manganese, Total	360		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:26	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.4	0.38	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Potassium, Total	360		mg/kg	240	38.	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Sodium, Total	65	J	mg/kg	190	28.	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.95	0.10	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.7	0.66	2	07/23/15 16:33	07/24/15 17:29	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-22
 Client ID: DP-128-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 94%

Date Collected: 07/22/15 09:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5700		mg/kg	8.5	1.7	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Arsenic, Total	9.7		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Barium, Total	34		mg/kg	0.85	0.25	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.42	0.09	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Cadmium, Total	0.09	J	mg/kg	0.85	0.06	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Calcium, Total	11000		mg/kg	8.5	2.5	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Cobalt, Total	5.7		mg/kg	1.7	0.42	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Copper, Total	24		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.2	1.7	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Lead, Total	40		mg/kg	4.2	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Magnesium, Total	4600		mg/kg	8.5	0.85	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Manganese, Total	150		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Mercury, Total	0.09		mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 20:36	EPA 7471B	1,7471B	EA
Nickel, Total	31		mg/kg	2.1	0.34	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Potassium, Total	360		mg/kg	210	34.	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Selenium, Total	0.30	J	mg/kg	1.7	0.25	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	170	25.	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Vanadium, Total	34		mg/kg	0.85	0.09	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT
Zinc, Total	41		mg/kg	4.2	0.59	2	07/23/15 16:33	07/24/15 17:33	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-23
 Client ID: DP-128-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 09:43
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	8.7	1.7	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Arsenic, Total	0.94		mg/kg	0.87	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Barium, Total	43		mg/kg	0.87	0.26	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Beryllium, Total	0.30	J	mg/kg	0.44	0.09	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	8.7	2.6	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.87	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Cobalt, Total	5.2		mg/kg	1.7	0.44	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.87	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.4	1.7	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Lead, Total	21		mg/kg	4.4	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Magnesium, Total	600		mg/kg	8.7	0.87	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.87	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 20:38	EPA 7471B	1,7471B	EA
Nickel, Total	6.7		mg/kg	2.2	0.35	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Potassium, Total	390		mg/kg	220	35.	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Selenium, Total	0.33	J	mg/kg	1.7	0.26	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Sodium, Total	ND		mg/kg	170	26.	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.87	0.09	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT
Zinc, Total	34		mg/kg	4.4	0.61	2	07/23/15 16:33	07/24/15 17:36	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-24
 Client ID: DP-128-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 09:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5800		mg/kg	9.3	1.9	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.93	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Barium, Total	54		mg/kg	0.93	0.28	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Beryllium, Total	0.52		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Calcium, Total	2600		mg/kg	9.3	2.8	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.93	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Cobalt, Total	6.9		mg/kg	1.9	0.46	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.93	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.6	1.9	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Lead, Total	22		mg/kg	4.6	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Magnesium, Total	1600		mg/kg	9.3	0.93	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Manganese, Total	110		mg/kg	0.93	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Mercury, Total	0.22		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:40	EPA 7471B	1,7471B	EA
Nickel, Total	9.2		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Sodium, Total	170	J	mg/kg	190	28.	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Thallium, Total	0.66	J	mg/kg	1.9	0.37	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.93	0.09	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT
Zinc, Total	36		mg/kg	4.6	0.65	2	07/23/15 17:26	07/24/15 17:44	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-25
 Client ID: DP-128-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 09:48
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Barium, Total	82		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Calcium, Total	100		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Cobalt, Total	7.2		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Magnesium, Total	2600		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:42	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Potassium, Total	390		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Sodium, Total	66	J	mg/kg	180	28.	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Vanadium, Total	27		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT
Zinc, Total	46		mg/kg	4.6	0.65	2	07/23/15 17:26	07/24/15 18:10	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-26
 Client ID: DP-128-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/22/15 09:50
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.4	1.9	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Barium, Total	58		mg/kg	0.94	0.28	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Beryllium, Total	0.50		mg/kg	0.47	0.09	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	9.4	2.8	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Cobalt, Total	5.4		mg/kg	1.9	0.47	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Iron, Total	25000		mg/kg	4.7	1.9	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Lead, Total	15		mg/kg	4.7	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Magnesium, Total	1200		mg/kg	9.4	0.94	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Manganese, Total	110		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Mercury, Total	0.11		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:43	EPA 7471B	1,7471B	EA
Nickel, Total	8.4		mg/kg	2.3	0.38	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Potassium, Total	580		mg/kg	230	38.	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Selenium, Total	0.28	J	mg/kg	1.9	0.28	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Sodium, Total	83	J	mg/kg	190	28.	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Vanadium, Total	38		mg/kg	0.94	0.09	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT
Zinc, Total	28		mg/kg	4.7	0.66	2	07/23/15 17:26	07/24/15 18:14	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-27
 Client ID: DP-129-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/22/15 10:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	8.8	1.8	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Arsenic, Total	1.3		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Barium, Total	40		mg/kg	0.88	0.26	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Beryllium, Total	0.29	J	mg/kg	0.44	0.09	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Calcium, Total	930		mg/kg	8.8	2.6	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Cobalt, Total	3.2		mg/kg	1.8	0.44	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Copper, Total	6.0		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.4	1.8	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.4	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Magnesium, Total	1300		mg/kg	8.8	0.88	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Manganese, Total	84		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 20:45	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.2	0.35	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Potassium, Total	380		mg/kg	220	35.	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Selenium, Total	0.31	J	mg/kg	1.8	0.26	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Sodium, Total	62	J	mg/kg	180	26.	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Thallium, Total	0.44	J	mg/kg	1.8	0.35	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.88	0.09	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT
Zinc, Total	19		mg/kg	4.4	0.61	2	07/23/15 17:26	07/24/15 18:17	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-28
 Client ID: DP-129-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/22/15 10:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	9.1	1.8	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Arsenic, Total	5.9		mg/kg	0.91	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Barium, Total	91		mg/kg	0.91	0.27	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Beryllium, Total	0.56		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Calcium, Total	4000		mg/kg	9.1	2.7	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.91	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Cobalt, Total	8.2		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Copper, Total	17		mg/kg	0.91	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Lead, Total	64		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Magnesium, Total	1100		mg/kg	9.1	0.91	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Manganese, Total	260		mg/kg	0.91	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Mercury, Total	0.22		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:47	EPA 7471B	1,7471B	EA
Nickel, Total	9.6		mg/kg	2.3	0.36	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Potassium, Total	460		mg/kg	230	36.	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Sodium, Total	42	J	mg/kg	180	27.	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.91	0.09	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT
Zinc, Total	48		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 18:21	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-29
 Client ID: DP-129-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 10:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8500		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Barium, Total	70		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Beryllium, Total	0.64		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Cobalt, Total	9.5		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Magnesium, Total	2600		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Manganese, Total	160		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:48	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Sodium, Total	ND		mg/kg	180	28.	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Thallium, Total	0.40	J	mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT
Zinc, Total	52		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 18:25	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-30
 Client ID: DP-129-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 10:45
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	8.9	1.8	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Arsenic, Total	0.36	J	mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Barium, Total	76		mg/kg	0.89	0.27	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Beryllium, Total	0.65		mg/kg	0.44	0.09	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Calcium, Total	190		mg/kg	8.9	2.7	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Cobalt, Total	7.0		mg/kg	1.8	0.44	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.4	1.8	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.4	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	8.9	0.89	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 20:50	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.36	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Potassium, Total	300		mg/kg	220	36.	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Sodium, Total	100	J	mg/kg	180	27.	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.89	0.09	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT
Zinc, Total	41		mg/kg	4.4	0.62	2	07/23/15 17:26	07/24/15 18:29	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-31
 Client ID: DP-129-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/22/15 10:48
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Barium, Total	130		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Beryllium, Total	0.43	J	mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Chromium, Total	45		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Cobalt, Total	11		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Copper, Total	42		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Lead, Total	5.2		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Magnesium, Total	9500		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:55	EPA 7471B	1,7471B	EA
Nickel, Total	29		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Potassium, Total	3400		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	28.	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Vanadium, Total	50		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT
Zinc, Total	56		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 18:48	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-32
 Client ID: DP-130-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 10:50
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6000		mg/kg	8.8	1.8	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Arsenic, Total	1.4		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Barium, Total	51		mg/kg	0.88	0.26	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Beryllium, Total	0.43	J	mg/kg	0.44	0.09	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Calcium, Total	3400		mg/kg	8.8	2.6	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Chromium, Total	23		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Cobalt, Total	7.7		mg/kg	1.8	0.44	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Copper, Total	17		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.4	1.8	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Lead, Total	73		mg/kg	4.4	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Magnesium, Total	4300		mg/kg	8.8	0.88	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Mercury, Total	0.17		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:57	EPA 7471B	1,7471B	EA
Nickel, Total	43		mg/kg	2.2	0.35	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Potassium, Total	430		mg/kg	220	35.	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Sodium, Total	160	J	mg/kg	180	26.	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.88	0.09	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT
Zinc, Total	62		mg/kg	4.4	0.61	2	07/23/15 17:26	07/24/15 18:51	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-33
 Client ID: DP-130-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/22/15 10:52
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3700		mg/kg	8.7	1.7	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Arsenic, Total	0.94		mg/kg	0.87	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Barium, Total	16		mg/kg	0.87	0.26	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Beryllium, Total	0.16	J	mg/kg	0.43	0.09	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Calcium, Total	750		mg/kg	8.7	2.6	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.87	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Cobalt, Total	1.4	J	mg/kg	1.7	0.43	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Copper, Total	6.2		mg/kg	0.87	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.3	1.7	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Lead, Total	23		mg/kg	4.3	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Magnesium, Total	510		mg/kg	8.7	0.87	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Manganese, Total	26		mg/kg	0.87	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Mercury, Total	0.08		mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 20:59	EPA 7471B	1,7471B	EA
Nickel, Total	4.4		mg/kg	2.2	0.35	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Potassium, Total	200	J	mg/kg	220	35.	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Selenium, Total	0.38	J	mg/kg	1.7	0.26	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Sodium, Total	86	J	mg/kg	170	26.	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Thallium, Total	0.45	J	mg/kg	1.7	0.35	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.87	0.09	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT
Zinc, Total	13		mg/kg	4.3	0.61	2	07/23/15 17:26	07/24/15 18:55	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-34
 Client ID: DP-130-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 10:55
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	9.5	1.9	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.95	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Barium, Total	72		mg/kg	0.95	0.28	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.66		mg/kg	0.48	0.10	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Calcium, Total	1300		mg/kg	9.5	2.8	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.95	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Cobalt, Total	7.7		mg/kg	1.9	0.48	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.95	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.8	1.9	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Lead, Total	39		mg/kg	4.8	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Magnesium, Total	1900		mg/kg	9.5	0.95	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.95	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Mercury, Total	0.28		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 21:01	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	240	38.	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Selenium, Total	0.38	J	mg/kg	1.9	0.28	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Sodium, Total	39	J	mg/kg	190	28.	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.95	0.10	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT
Zinc, Total	46		mg/kg	4.8	0.66	2	07/23/15 17:26	07/24/15 18:59	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-35
 Client ID: DP-130-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 11:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8900		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Arsenic, Total	0.44	J	mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Barium, Total	67		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Beryllium, Total	0.64		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Calcium, Total	120		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Cobalt, Total	6.6		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Manganese, Total	230		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 21:02	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Potassium, Total	320		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Sodium, Total	72	J	mg/kg	180	28.	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT
Zinc, Total	42		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 19:02	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-36
 Client ID: DP-130-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 11:05
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Arsenic, Total	0.18	J	mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Barium, Total	91		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Beryllium, Total	0.78		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Calcium, Total	410		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Cobalt, Total	12		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Magnesium, Total	2500		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Manganese, Total	590		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 21:04	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Potassium, Total	380		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Selenium, Total	0.30	J	mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Sodium, Total	62	J	mg/kg	180	28.	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT
Zinc, Total	52		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 19:06	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-37
 Client ID: DP-131-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 99%

Date Collected: 07/22/15 11:22
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	8.0	1.6	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.0	0.64	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.80	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Barium, Total	9.2		mg/kg	0.80	0.24	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.40	0.08	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.80	0.06	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Calcium, Total	2700		mg/kg	8.0	2.4	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Chromium, Total	11		mg/kg	0.80	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Cobalt, Total	6.6		mg/kg	1.6	0.40	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Copper, Total	53		mg/kg	0.80	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.0	1.6	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Lead, Total	3.7	J	mg/kg	4.0	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Magnesium, Total	3400		mg/kg	8.0	0.80	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Manganese, Total	93		mg/kg	0.80	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.01	1	07/25/15 08:01	07/27/15 21:06	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.0	0.32	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Potassium, Total	270		mg/kg	200	32.	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.80	0.16	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Sodium, Total	390		mg/kg	160	24.	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Vanadium, Total	48		mg/kg	0.80	0.08	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.0	0.56	2	07/23/15 17:26	07/24/15 19:10	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-38
 Client ID: DP-131-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/22/15 11:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4100		mg/kg	9.0	1.8	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Arsenic, Total	4.3		mg/kg	0.90	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Barium, Total	20		mg/kg	0.90	0.27	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Beryllium, Total	0.22	J	mg/kg	0.45	0.09	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Calcium, Total	3600		mg/kg	9.0	2.7	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.90	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Cobalt, Total	6.4		mg/kg	1.8	0.45	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Copper, Total	19		mg/kg	0.90	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.5	1.8	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Lead, Total	34		mg/kg	4.5	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Magnesium, Total	6800		mg/kg	9.0	0.90	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Manganese, Total	130		mg/kg	0.90	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	07/25/15 08:01	07/27/15 21:07	EPA 7471B	1,7471B	EA
Nickel, Total	55		mg/kg	2.3	0.36	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Potassium, Total	340		mg/kg	230	36.	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Sodium, Total	160	J	mg/kg	180	27.	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.90	0.09	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT
Zinc, Total	28		mg/kg	4.5	0.63	2	07/23/15 17:26	07/24/15 19:14	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-39
 Client ID: DP-131-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 11:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7600		mg/kg	8.9	1.8	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.71	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Barium, Total	66		mg/kg	0.89	0.27	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.45	0.09	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Calcium, Total	970		mg/kg	8.9	2.7	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Cobalt, Total	8.1		mg/kg	1.8	0.45	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.5	1.8	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.5	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	8.9	0.89	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 21:09	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.36	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	220	36.	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Selenium, Total	0.35	J	mg/kg	1.8	0.27	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Sodium, Total	85	J	mg/kg	180	27.	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.89	0.09	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT
Zinc, Total	43		mg/kg	4.5	0.62	2	07/23/15 17:26	07/24/15 19:17	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-40
 Client ID: DP-131-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 11:33
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Antimony, Total	2.0	J	mg/kg	4.6	0.73	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Barium, Total	59		mg/kg	0.92	0.28	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Beryllium, Total	0.72		mg/kg	0.46	0.09	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Calcium, Total	170		mg/kg	9.2	2.8	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Cobalt, Total	8.5		mg/kg	1.8	0.46	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.6	1.8	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Lead, Total	12		mg/kg	4.6	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	9.2	0.92	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 21:11	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.37	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	230	37.	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Sodium, Total	46	J	mg/kg	180	28.	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.92	0.09	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT
Zinc, Total	46		mg/kg	4.6	0.64	2	07/23/15 17:26	07/24/15 19:40	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-41
 Client ID: DP-132-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 13:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5400		mg/kg	8.5	1.7	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Arsenic, Total	1.8		mg/kg	0.85	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Barium, Total	44		mg/kg	0.85	0.26	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Beryllium, Total	0.26	J	mg/kg	0.42	0.09	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Cadmium, Total	0.14	J	mg/kg	0.85	0.06	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Calcium, Total	42000		mg/kg	8.5	2.6	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.85	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Cobalt, Total	4.1		mg/kg	1.7	0.42	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Copper, Total	19		mg/kg	0.85	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.2	1.7	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Lead, Total	77		mg/kg	4.2	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	8.5	0.85	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.85	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Mercury, Total	0.12		mg/kg	0.07	0.02	1	07/25/15 08:41	07/27/15 21:20	EPA 7471B	1,7471B	EA
Nickel, Total	8.5		mg/kg	2.1	0.34	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Potassium, Total	360		mg/kg	210	34.	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Sodium, Total	68	J	mg/kg	170	26.	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.85	0.09	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT
Zinc, Total	52		mg/kg	4.2	0.60	2	07/23/15 17:26	07/24/15 19:44	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-42
 Client ID: DP-132-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/22/15 13:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4300		mg/kg	8.6	1.7	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Arsenic, Total	0.39	J	mg/kg	0.86	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Barium, Total	28		mg/kg	0.86	0.26	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Beryllium, Total	0.29	J	mg/kg	0.43	0.09	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	8.6	2.6	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.86	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Cobalt, Total	3.2		mg/kg	1.7	0.43	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Copper, Total	7.5		mg/kg	0.86	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.3	1.7	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Lead, Total	19		mg/kg	4.3	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Magnesium, Total	580		mg/kg	8.6	0.86	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Manganese, Total	64		mg/kg	0.86	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/25/15 08:41	07/27/15 21:27	EPA 7471B	1,7471B	EA
Nickel, Total	4.7		mg/kg	2.2	0.34	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Potassium, Total	270		mg/kg	220	34.	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Sodium, Total	44	J	mg/kg	170	26.	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Vanadium, Total	15		mg/kg	0.86	0.09	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT
Zinc, Total	27		mg/kg	4.3	0.60	2	07/23/15 17:26	07/24/15 19:48	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-43
 Client ID: DP-132-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/22/15 13:40
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9600		mg/kg	9.4	1.9	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Arsenic, Total	0.79	J	mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Barium, Total	59		mg/kg	0.94	0.28	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.47	0.09	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Calcium, Total	760		mg/kg	9.4	2.8	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Cobalt, Total	7.3		mg/kg	1.9	0.47	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.7	1.9	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Lead, Total	26		mg/kg	4.7	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Magnesium, Total	1300		mg/kg	9.4	0.94	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:29	EPA 7471B	1,7471B	EA
Nickel, Total	9.6		mg/kg	2.4	0.38	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	240	38.	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Selenium, Total	0.45	J	mg/kg	1.9	0.28	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Sodium, Total	110	J	mg/kg	190	28.	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Vanadium, Total	33		mg/kg	0.94	0.09	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT
Zinc, Total	33		mg/kg	4.7	0.66	2	07/23/15 17:26	07/24/15 19:51	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-44
 Client ID: DP-132-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 13:42
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.5	1.9	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Barium, Total	54		mg/kg	0.95	0.28	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Beryllium, Total	0.71		mg/kg	0.47	0.10	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Calcium, Total	280		mg/kg	9.5	2.8	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Cobalt, Total	17		mg/kg	1.9	0.47	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.7	1.9	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.5	0.95	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Manganese, Total	600		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:30	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.4	0.38	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Potassium, Total	500		mg/kg	240	38.	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Sodium, Total	79	J	mg/kg	190	28.	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.95	0.10	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT
Zinc, Total	48		mg/kg	4.7	0.66	2	07/24/15 05:28	07/24/15 14:46	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-45
 Client ID: DP-133-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/22/15 14:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7400		mg/kg	8.9	1.8	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Arsenic, Total	15		mg/kg	0.89	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Barium, Total	29		mg/kg	0.89	0.27	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.44	0.09	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Calcium, Total	9100		mg/kg	8.9	2.7	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.89	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Cobalt, Total	7.5		mg/kg	1.8	0.44	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Copper, Total	49		mg/kg	0.89	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.4	1.8	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Lead, Total	10		mg/kg	4.4	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Magnesium, Total	4500		mg/kg	8.9	0.89	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.89	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Mercury, Total	0.08		mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:32	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.2	0.36	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Potassium, Total	490		mg/kg	220	36.	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Sodium, Total	340		mg/kg	180	27.	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Vanadium, Total	70		mg/kg	0.89	0.09	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT
Zinc, Total	46		mg/kg	4.4	0.62	2	07/24/15 05:28	07/24/15 14:50	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-46
 Client ID: DP-133-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/22/15 14:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.4	1.9	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Barium, Total	52		mg/kg	0.94	0.28	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Beryllium, Total	0.74		mg/kg	0.47	0.09	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Calcium, Total	100		mg/kg	9.4	2.8	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Cobalt, Total	8.4		mg/kg	1.9	0.47	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Iron, Total	25000		mg/kg	4.7	1.9	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Magnesium, Total	2600		mg/kg	9.4	0.94	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Manganese, Total	250		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:38	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.4	0.38	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Potassium, Total	500		mg/kg	240	38.	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Sodium, Total	73	J	mg/kg	190	28.	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.94	0.09	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT
Zinc, Total	49		mg/kg	4.7	0.66	2	07/24/15 05:28	07/24/15 14:53	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-47
 Client ID: DP-133-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 14:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.3	1.8	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.93	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Barium, Total	56		mg/kg	0.93	0.28	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Beryllium, Total	0.66		mg/kg	0.46	0.09	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Calcium, Total	120		mg/kg	9.3	2.8	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.93	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Cobalt, Total	15		mg/kg	1.8	0.46	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.93	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.6	1.8	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.6	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.3	0.93	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Manganese, Total	460		mg/kg	0.93	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:39	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.37	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	230	37.	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.18	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Sodium, Total	87	J	mg/kg	180	28.	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.93	0.09	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT
Zinc, Total	46		mg/kg	4.6	0.65	2	07/24/15 05:28	07/24/15 15:16	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-48
 Client ID: DP-133-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/22/15 14:30
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.7	1.9	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.78	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Arsenic, Total	13		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Barium, Total	88		mg/kg	0.97	0.29	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Beryllium, Total	0.81		mg/kg	0.48	0.10	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Calcium, Total	510		mg/kg	9.7	2.9	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Cobalt, Total	17		mg/kg	1.9	0.48	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.8	1.9	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.8	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Magnesium, Total	2600		mg/kg	9.7	0.97	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Manganese, Total	630		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:41	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.4	0.39	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Potassium, Total	450		mg/kg	240	39.	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Sodium, Total	84	J	mg/kg	190	29.	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.97	0.10	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT
Zinc, Total	56		mg/kg	4.8	0.68	2	07/24/15 05:28	07/24/15 15:20	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-49
 Client ID: DP-133-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/22/15 14:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.7	1.9	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Barium, Total	79		mg/kg	0.97	0.29	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Beryllium, Total	0.72		mg/kg	0.49	0.10	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Cadmium, Total	0.07	J	mg/kg	0.97	0.07	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Calcium, Total	610		mg/kg	9.7	2.9	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Cobalt, Total	12		mg/kg	1.9	0.49	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.9	1.9	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.9	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Magnesium, Total	2100		mg/kg	9.7	0.97	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Manganese, Total	430		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Mercury, Total	0.07	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:43	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.4	0.39	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	240	39.	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.97	0.19	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Sodium, Total	98	J	mg/kg	190	29.	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.97	0.10	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT
Zinc, Total	45		mg/kg	4.9	0.68	2	07/24/15 05:28	07/24/15 15:23	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-50
 Client ID: DP-133-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/22/15 14:26
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.92	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Barium, Total	56		mg/kg	0.92	0.28	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Beryllium, Total	0.63		mg/kg	0.46	0.09	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Calcium, Total	110		mg/kg	9.2	2.8	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.92	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Cobalt, Total	11		mg/kg	1.8	0.46	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.92	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.6	1.8	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.6	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.2	0.92	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Manganese, Total	290		mg/kg	0.92	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:44	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.37	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Potassium, Total	470		mg/kg	230	37.	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Sodium, Total	78	J	mg/kg	180	28.	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.92	0.09	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT
Zinc, Total	45		mg/kg	4.6	0.65	2	07/24/15 05:28	07/24/15 15:27	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-51
 Client ID: DP-134-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/22/15 15:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	8.6	1.7	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Arsenic, Total	9.5		mg/kg	0.86	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Barium, Total	57		mg/kg	0.86	0.26	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Beryllium, Total	0.32	J	mg/kg	0.43	0.09	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Cadmium, Total	0.10	J	mg/kg	0.86	0.06	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Calcium, Total	40000		mg/kg	8.6	2.6	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Chromium, Total	47		mg/kg	0.86	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Cobalt, Total	8.6		mg/kg	1.7	0.43	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Copper, Total	20		mg/kg	0.86	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.3	1.7	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Lead, Total	23		mg/kg	4.3	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Magnesium, Total	11000		mg/kg	8.6	0.86	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Manganese, Total	230		mg/kg	0.86	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Mercury, Total	0.09		mg/kg	0.07	0.02	1	07/25/15 08:41	07/27/15 21:46	EPA 7471B	1,7471B	EA
Nickel, Total	86		mg/kg	2.2	0.34	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Potassium, Total	920		mg/kg	220	34.	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Sodium, Total	380		mg/kg	170	26.	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Vanadium, Total	35		mg/kg	0.86	0.09	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT
Zinc, Total	37		mg/kg	4.3	0.60	2	07/24/15 05:28	07/24/15 15:31	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-52
 Client ID: DP-134-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/22/15 15:05
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	8.7	1.7	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Arsenic, Total	5.7		mg/kg	0.87	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Barium, Total	54		mg/kg	0.87	0.26	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Beryllium, Total	0.34	J	mg/kg	0.44	0.09	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Cadmium, Total	0.09	J	mg/kg	0.87	0.06	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Calcium, Total	50000		mg/kg	8.7	2.6	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.87	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Cobalt, Total	5.3		mg/kg	1.7	0.44	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.87	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.4	1.7	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Lead, Total	21		mg/kg	4.4	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Magnesium, Total	5800		mg/kg	8.7	0.87	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.87	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:48	EPA 7471B	1,7471B	EA
Nickel, Total	30		mg/kg	2.2	0.35	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Potassium, Total	810		mg/kg	220	35.	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Sodium, Total	260		mg/kg	170	26.	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.87	0.09	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT
Zinc, Total	30		mg/kg	4.4	0.61	2	07/24/15 05:28	07/24/15 15:35	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-53
 Client ID: DP-134-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/22/15 15:08
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	9.5	1.9	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Arsenic, Total	15		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Barium, Total	66		mg/kg	0.95	0.28	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Beryllium, Total	0.67		mg/kg	0.47	0.10	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	9.5	2.8	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.9	0.47	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Iron, Total	29000		mg/kg	4.7	1.9	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.5	0.95	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Manganese, Total	260		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Mercury, Total	0.16		mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:49	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Potassium, Total	560		mg/kg	240	38.	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Sodium, Total	83	J	mg/kg	190	28.	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Vanadium, Total	32		mg/kg	0.95	0.10	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.7	0.66	2	07/24/15 05:28	07/24/15 15:38	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-54
 Client ID: DP-134-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/22/15 15:10
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.4	1.9	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Barium, Total	69		mg/kg	0.94	0.28	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Beryllium, Total	0.69		mg/kg	0.47	0.09	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Calcium, Total	190		mg/kg	9.4	2.8	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Cobalt, Total	12		mg/kg	1.9	0.47	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.7	1.9	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.4	0.94	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Manganese, Total	430		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:51	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.4	0.38	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Potassium, Total	500		mg/kg	240	38.	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Sodium, Total	65	J	mg/kg	190	28.	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.94	0.09	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.7	0.66	2	07/24/15 05:28	07/24/15 16:01	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-55
 Client ID: DP-134-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/22/15 15:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.4	1.9	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Barium, Total	99		mg/kg	0.94	0.28	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Beryllium, Total	0.69		mg/kg	0.47	0.09	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Calcium, Total	610		mg/kg	9.4	2.8	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.9	0.47	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.7	1.9	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Magnesium, Total	2400		mg/kg	9.4	0.94	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Manganese, Total	400		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:53	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.4	0.38	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Potassium, Total	460		mg/kg	240	38.	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Sodium, Total	80	J	mg/kg	190	28.	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.94	0.09	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT
Zinc, Total	48		mg/kg	4.7	0.66	2	07/24/15 05:28	07/24/15 16:05	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-56
 Client ID: DP-135-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/22/15 15:25
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6900		mg/kg	9.0	1.8	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.90	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Barium, Total	53		mg/kg	0.90	0.27	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Beryllium, Total	0.36	J	mg/kg	0.45	0.09	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Cadmium, Total	0.12	J	mg/kg	0.90	0.06	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Calcium, Total	55000		mg/kg	9.0	2.7	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Chromium, Total	46		mg/kg	0.90	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Cobalt, Total	8.3		mg/kg	1.8	0.45	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.90	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.5	1.8	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Lead, Total	15		mg/kg	4.5	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Magnesium, Total	12000		mg/kg	9.0	0.90	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Manganese, Total	210		mg/kg	0.90	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:58	EPA 7471B	1,7471B	EA
Nickel, Total	78		mg/kg	2.2	0.36	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Potassium, Total	600		mg/kg	220	36.	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Sodium, Total	150	J	mg/kg	180	27.	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.90	0.09	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT
Zinc, Total	34		mg/kg	4.5	0.63	2	07/24/15 05:28	07/24/15 16:08	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-57
 Client ID: DP-135-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/22/15 15:35
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	8.8	1.8	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Arsenic, Total	5.3		mg/kg	0.88	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Barium, Total	75		mg/kg	0.88	0.26	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Beryllium, Total	0.45		mg/kg	0.44	0.09	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Cadmium, Total	0.07	J	mg/kg	0.88	0.06	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Calcium, Total	54000		mg/kg	8.8	2.6	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Chromium, Total	30		mg/kg	0.88	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Cobalt, Total	4.4		mg/kg	1.8	0.44	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.88	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Iron, Total	9400		mg/kg	4.4	1.8	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Lead, Total	24		mg/kg	4.4	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Magnesium, Total	7000		mg/kg	8.8	0.88	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Manganese, Total	500		mg/kg	0.88	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	07/25/15 08:41	07/27/15 22:00	EPA 7471B	1,7471B	EA
Nickel, Total	19		mg/kg	2.2	0.35	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Potassium, Total	750		mg/kg	220	35.	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Sodium, Total	250		mg/kg	180	26.	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Vanadium, Total	38		mg/kg	0.88	0.09	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT
Zinc, Total	31		mg/kg	4.4	0.62	2	07/24/15 05:28	07/24/15 16:12	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-58
 Client ID: EB01-072215
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/22/15 16:00
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Antimony, Total	15.9	J	ug/l	50.0	8.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Calcium, Total	110		ug/l	100	30.	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Copper, Total	9.80	J	ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Iron, Total	76.		ug/l	50.	20.	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Magnesium, Total	ND		ug/l	100	10.	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Manganese, Total	6.40	J	ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/23/15 15:50	07/23/15 23:28	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/23/15 14:07	07/24/15 18:28	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-60
Client ID: GTW-661-804-3-5
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/22/15 09:06
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	8.55	J	ug/l	10.0	1.69	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Antimony, Dissolved	1.606	J	ug/l	2.000	0.0699	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	3.947		ug/l	0.5000	0.1230	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Barium, Dissolved	207.6		ug/l	0.5000	0.0625	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Calcium, Dissolved	26900		ug/l	200	32.0	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Chromium, Dissolved	10.08		ug/l	2.000	0.2530	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	12.11		ug/l	0.5000	0.0621	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.6323	J	ug/l	1.000	0.2620	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Iron, Dissolved	77200		ug/l	1000	240.	20	07/25/15 15:46	07/27/15 18:03	EPA 3005A	1,6020A	BM
Lead, Dissolved	4.073		ug/l	1.000	0.1290	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	34900		ug/l	70.0	22.3	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Manganese, Dissolved	5221		ug/l	20.00	6.040	20	07/25/15 15:46	07/27/15 18:03	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	07/24/15 15:51	07/24/15 19:24	EPA 7470A	1,7470A	EA
Nickel, Dissolved	9.628		ug/l	2.000	0.0865	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Potassium, Dissolved	2160		ug/l	100	19.3	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Silver, Dissolved	0.1010	J	ug/l	0.4000	0.0779	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Sodium, Dissolved	189000		ug/l	6000	322.	20	07/25/15 15:46	07/27/15 18:03	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM
Zinc, Dissolved	3.927	J	ug/l	10.00	2.560	1	07/25/15 15:46	07/27/15 17:57	EPA 3005A	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-61
Client ID: GTW-605-802-6-3
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/22/15 13:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	9.60	J	ug/l	10.0	1.69	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.8936	J	ug/l	2.000	0.0699	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	0.4850	J	ug/l	0.5000	0.1230	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Barium, Dissolved	163.7		ug/l	0.5000	0.0625	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Calcium, Dissolved	85200		ug/l	4000	640.	20	07/25/15 15:46	07/27/15 18:34	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.7871	J	ug/l	2.000	0.2530	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	25.03		ug/l	0.5000	0.0621	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Copper, Dissolved	0.6117	J	ug/l	1.000	0.2620	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Iron, Dissolved	30.3	J	ug/l	50.0	12.0	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Lead, Dissolved	ND		ug/l	1.000	0.1290	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	61900		ug/l	1400	446.	20	07/25/15 15:46	07/27/15 18:34	EPA 3005A	1,6020A	BM
Manganese, Dissolved	3553		ug/l	20.00	6.040	20	07/25/15 15:46	07/27/15 18:34	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	07/24/15 15:51	07/24/15 19:29	EPA 7470A	1,7470A	EA
Nickel, Dissolved	13.15		ug/l	2.000	0.0865	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Potassium, Dissolved	2300		ug/l	100	19.3	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		ug/l	0.4000	0.0779	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Sodium, Dissolved	126000		ug/l	6000	322.	20	07/25/15 15:46	07/27/15 18:34	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM
Zinc, Dissolved	9.457	J	ug/l	10.00	2.560	1	07/25/15 15:46	07/27/15 18:00	EPA 3005A	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-62
 Client ID: EB02-072215
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/22/15 16:10
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	75.	J	ug/l	100	20.	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Calcium, Total	630		ug/l	100	30.	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Copper, Total	6.40	J	ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Iron, Total	150		ug/l	50.	20.	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Lead, Total	5.90	J	ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Magnesium, Total	56.	J	ug/l	100	10.	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Manganese, Total	5.80	J	ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/23/15 15:50	07/23/15 23:32	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH
Zinc, Total	34.5	J	ug/l	50.0	7.00	1	07/23/15 14:07	07/24/15 18:32	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 58,62 Batch: WG805286-1										
Aluminum, Total	ND		ug/l	100	20.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Arsenic, Total	3.40	J	ug/l	5.00	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Calcium, Total	ND		ug/l	100	30.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Iron, Total	ND		ug/l	50	20.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Magnesium, Total	ND		ug/l	100	10.	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Manganese, Total	ND		ug/l	10.0	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Nickel, Total	ND		ug/l	25.0	4.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/23/15 14:07	07/24/15 17:25	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/23/15 14:07	07/24/15 15:56	1,6010C	JH

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 58,62 Batch: WG805356-1										
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/23/15 15:50	07/23/15 23:18	1,7470A	EA



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG805421-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Barium, Total	ND	mg/kg	0.40	0.12	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Copper, Total	ND	mg/kg	0.40	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Iron, Total	ND	mg/kg	2.0	0.80	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Potassium, Total	ND	mg/kg	100	16.	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Silver, Total	ND	mg/kg	0.40	0.08	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Sodium, Total	ND	mg/kg	80	12.	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/23/15 14:45	07/27/15 15:40	1,6010C	MC

Prep Information

Digestion Method: EPA 3050B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04-23 Batch: WG805459-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Thallium, Total	0.20	J	mg/kg	0.80	0.16	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/23/15 16:33	07/24/15 15:02	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 24-43 Batch: WG805471-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Copper, Total	ND	mg/kg	0.40	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Iron, Total	ND	mg/kg	2.0	0.80	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Lead, Total	ND	mg/kg	2.0	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/23/15 17:26	07/24/15 17:18	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 44-57 Batch: WG805594-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Copper, Total	0.16	J	mg/kg	0.40	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

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Lead, Total	ND	mg/kg	2.0	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/24/15 05:28	07/24/15 10:51	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 60-61 Batch: WG805728-1										
Mercury, Dissolved	0.1267	J	ug/l	0.2000	0.0660	1	07/24/15 15:51	07/24/15 19:20	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-20 Batch: WG805900-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 05:32	07/27/15 19:31	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-40 Batch: WG805903-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/25/15 08:01	07/27/15 20:22	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 41-57 Batch: WG805904-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:16	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Dissolved Metals - Westborough Lab for sample(s): 60-61 Batch: WG805988-1										
Aluminum, Dissolved	3.78	J	ug/l	10.0	1.69	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Antimony, Dissolved	0.4349	J	ug/l	2.000	0.0699	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Arsenic, Dissolved	ND		ug/l	0.5000	0.1230	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Barium, Dissolved	ND		ug/l	0.5000	0.0625	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Calcium, Dissolved	ND		ug/l	200	32.0	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Chromium, Dissolved	0.7027	J	ug/l	2.000	0.2530	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Cobalt, Dissolved	ND		ug/l	0.5000	0.0621	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Copper, Dissolved	ND		ug/l	1.000	0.2620	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Iron, Dissolved	ND		ug/l	50.0	12.0	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Lead, Dissolved	ND		ug/l	1.000	0.1290	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Magnesium, Dissolved	ND		ug/l	70.0	22.3	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Manganese, Dissolved	ND		ug/l	1.000	0.3020	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Nickel, Dissolved	ND		ug/l	2.000	0.0865	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Potassium, Dissolved	ND		ug/l	100	19.3	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM



Project Name: BUZZARD POINT

Lab Number: L1516980

Project Number: 40223-002

Report Date: 08/02/15

Method Blank Analysis Batch Quality Control

Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Silver, Dissolved	0.2552	J	ug/l	0.4000	0.0779	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Sodium, Dissolved	58.8	J	ug/l	300	16.1	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM
Zinc, Dissolved	ND		ug/l	10.00	2.560	1	07/25/15 15:46	07/27/15 17:51	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 58,62 Batch: WG805286-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	96		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	108		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	109		-		80-120	-		
Calcium, Total	100		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	106		-		80-120	-		
Magnesium, Total	110		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	120		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,62 Batch: WG805286-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 58,62 Batch: WG805356-2					
Mercury, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG805421-2 SRM Lot Number: D088-540					
Aluminum, Total	79	-	48-151	-	
Antimony, Total	140	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	85	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	89	-	45-155	-	
Lead, Total	89	-	81-117	-	
Magnesium, Total	84	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	86	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	91	-	75-124	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	89	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG805421-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 Batch: WG805459-2 SRM Lot Number: D088-540					
Aluminum, Total	79	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	95	-	83-117	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	95	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	98	-	81-118	-	
Nickel, Total	95	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	95	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	95	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 Batch: WG805459-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 Batch: WG805471-2 SRM Lot Number: D088-540					
Aluminum, Total	74	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	88	-	83-117	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	96	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	89	-	45-155	-	
Lead, Total	91	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	98	-	81-118	-	
Nickel, Total	95	-	83-117	-	
Potassium, Total	82	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	86	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 Batch: WG805471-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 44-57 Batch: WG805594-2 SRM Lot Number: D088-540					
Aluminum, Total	90	-	48-151	-	
Antimony, Total	168	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	102	-	83-117	-	
Cadmium, Total	99	-	83-117	-	
Calcium, Total	94	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	86	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	103	-	81-118	-	
Nickel, Total	98	-	83-117	-	
Potassium, Total	100	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	108	-	75-124	-	
Sodium, Total	97	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 44-57 Batch: WG805594-2 SRM Lot Number: D088-540					
Zinc, Total	101	-	82-118	-	
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 Batch: WG805728-2					
Mercury, Dissolved	96	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 01-20 Batch: WG805900-2 SRM Lot Number: D088-540					
Mercury, Total	104	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 21-40 Batch: WG805903-2 SRM Lot Number: D088-540					
Mercury, Total	105	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 41-57 Batch: WG805904-2 SRM Lot Number: D088-540					
Mercury, Total	104	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 Batch: WG805988-2					
Aluminum, Dissolved	97	-	80-120	-	
Antimony, Dissolved	99	-	80-120	-	
Arsenic, Dissolved	102	-	80-120	-	
Barium, Dissolved	96	-	80-120	-	
Beryllium, Dissolved	97	-	80-120	-	
Cadmium, Dissolved	105	-	80-120	-	
Calcium, Dissolved	107	-	80-120	-	
Chromium, Dissolved	97	-	80-120	-	
Cobalt, Dissolved	99	-	80-120	-	
Copper, Dissolved	102	-	80-120	-	
Iron, Dissolved	96	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	103	-	80-120	-	
Manganese, Dissolved	96	-	80-120	-	
Nickel, Dissolved	103	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	111	-	80-120	-	
Silver, Dissolved	96	-	80-120	-	
Sodium, Dissolved	106	-	80-120	-	
Thallium, Dissolved	100	-	80-120	-	
Vanadium, Dissolved	103	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 Batch: WG805988-2					
Zinc, Dissolved	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,62 QC Batch ID: WG805286-4 QC Sample: L1516903-52 Client ID: MS Sample												
Aluminum, Total	ND	2000	2000	100	-	-	-	-	75-125	-	-	20
Antimony, Total	ND	500	525	105	-	-	-	-	75-125	-	-	20
Arsenic, Total	ND	120	133	111	-	-	-	-	75-125	-	-	20
Barium, Total	ND	2000	2010	100	-	-	-	-	75-125	-	-	20
Beryllium, Total	ND	50	50.6	101	-	-	-	-	75-125	-	-	20
Cadmium, Total	ND	51	61.2	120	-	-	-	-	75-125	-	-	20
Calcium, Total	84.J	10000	9900	99	-	-	-	-	75-125	-	-	20
Chromium, Total	14.	200	220	103	-	-	-	-	75-125	-	-	20
Cobalt, Total	ND	500	514	103	-	-	-	-	75-125	-	-	20
Copper, Total	ND	250	253	101	-	-	-	-	75-125	-	-	20
Iron, Total	1400	1000	2300	90	-	-	-	-	75-125	-	-	20
Lead, Total	ND	510	575	113	-	-	-	-	75-125	-	-	20
Magnesium, Total	13.J	10000	11000	110	-	-	-	-	75-125	-	-	20
Manganese, Total	17.2	500	512	99	-	-	-	-	75-125	-	-	20
Nickel, Total	ND	500	512	102	-	-	-	-	75-125	-	-	20
Potassium, Total	ND	10000	9800	98	-	-	-	-	75-125	-	-	20
Selenium, Total	ND	120	135	112	-	-	-	-	75-125	-	-	20
Silver, Total	ND	50	48.0	96	-	-	-	-	75-125	-	-	20
Sodium, Total	ND	10000	10000	100	-	-	-	-	75-125	-	-	20
Thallium, Total	ND	120	134	112	-	-	-	-	75-125	-	-	20
Vanadium, Total	ND	500	497	99	-	-	-	-	75-125	-	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,62 QC Batch ID: WG805286-4 QC Sample: L1516903-52 Client ID: MS Sample									
Zinc, Total	11.7J	500	547	109	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 58,62 QC Batch ID: WG805356-3 WG805356-4 QC Sample: L1517023-01 Client ID: MS Sample									
Mercury, Total	ND	5	2.515	50	Q	2.580	Q	80-120	3

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805421-4 QC Sample: L1516947-01 Client ID: MS Sample									
Aluminum, Total	12000	185	13000	540	Q	-	75-125	-	20
Antimony, Total	ND	46.3	28	60	Q	-	75-125	-	20
Arsenic, Total	5.1	11.1	12	62	Q	-	75-125	-	20
Barium, Total	35.	185	180	78		-	75-125	-	20
Beryllium, Total	0.74	4.63	4.4	79		-	75-125	-	20
Cadmium, Total	ND	4.72	3.7	78		-	75-125	-	20
Calcium, Total	170	926	870	76		-	75-125	-	20
Chromium, Total	13.	18.5	28	81		-	75-125	-	20
Cobalt, Total	3.4	46.3	38	75		-	75-125	-	20
Copper, Total	7.3	23.1	25	76		-	75-125	-	20
Iron, Total	12000	92.6	14000	2160	Q	-	75-125	-	20
Lead, Total	11.	47.2	46	74	Q	-	75-125	-	20
Magnesium, Total	1200	926	2200	108		-	75-125	-	20
Manganese, Total	200	46.3	210	22	Q	-	75-125	-	20
Nickel, Total	6.2	46.3	41	75		-	75-125	-	20
Potassium, Total	300	926	1100	86		-	75-125	-	20
Selenium, Total	0.62J	11.1	9.1	82		-	75-125	-	20
Silver, Total	ND	27.8	22	79		-	75-125	-	20
Sodium, Total	ND	926	740	80		-	75-125	-	20
Thallium, Total	ND	11.1	8.0	72	Q	-	75-125	-	20
Vanadium, Total	18.	46.3	58	86		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805421-4 QC Sample: L1516947-01 Client ID: MS Sample									
Zinc, Total	21.	46.3	58	80	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG805459-4 QC Sample: L1516980-04 Client ID: DP-124-SO-200-01									
Aluminum, Total	10000	183	12000	1090	Q	-	75-125	-	20
Antimony, Total	ND	45.8	37	81		-	75-125	-	20
Arsenic, Total	ND	11	11	100		-	75-125	-	20
Barium, Total	74.	183	270	107		-	75-125	-	20
Beryllium, Total	0.75	4.58	5.5	104		-	75-125	-	20
Cadmium, Total	ND	4.67	4.5	96		-	75-125	-	20
Calcium, Total	360	915	1300	103		-	75-125	-	20
Chromium, Total	17.	18.3	38	115		-	75-125	-	20
Cobalt, Total	19.	45.8	58	85		-	75-125	-	20
Copper, Total	14.	22.9	37	100		-	75-125	-	20
Iron, Total	26000	91.5	26000	0	Q	-	75-125	-	20
Lead, Total	15.	46.7	57	90		-	75-125	-	20
Magnesium, Total	2900	915	4100	131	Q	-	75-125	-	20
Manganese, Total	640	45.8	560	0	Q	-	75-125	-	20
Nickel, Total	15.	45.8	58	94		-	75-125	-	20
Potassium, Total	450	915	1400	104		-	75-125	-	20
Selenium, Total	0.34J	11	11	100		-	75-125	-	20
Silver, Total	ND	27.4	28	102		-	75-125	-	20
Sodium, Total	180	915	1100	120		-	75-125	-	20
Thallium, Total	ND	11	9.8	89		-	75-125	-	20
Vanadium, Total	26.	45.8	72	100		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG805459-4 QC Sample: L1516980-04 Client ID: DP-124-SO-200-01									
Zinc, Total	53.	45.8	98	98	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 QC Batch ID: WG805471-4 QC Sample: L1516980-24 Client ID: DP-128-SO-100-01									
Aluminum, Total	5800	188	8600	1490	Q	-	75-125	-	20
Antimony, Total	ND	47	39	83		-	75-125	-	20
Arsenic, Total	ND	11.3	12	106		-	75-125	-	20
Barium, Total	54.	188	260	110		-	75-125	-	20
Beryllium, Total	0.52	4.7	5.3	102		-	75-125	-	20
Cadmium, Total	ND	4.8	4.7	98		-	75-125	-	20
Calcium, Total	2600	940	2600	0	Q	-	75-125	-	20
Chromium, Total	14.	18.8	36	117		-	75-125	-	20
Cobalt, Total	6.9	47	53	98		-	75-125	-	20
Copper, Total	14.	23.5	40	110		-	75-125	-	20
Iron, Total	14000	94	23000	9570	Q	-	75-125	-	20
Lead, Total	22.	48	67	94		-	75-125	-	20
Magnesium, Total	1600	940	3100	160	Q	-	75-125	-	20
Manganese, Total	110	47	200	191	Q	-	75-125	-	20
Nickel, Total	9.2	47	59	106		-	75-125	-	20
Potassium, Total	440	940	1400	102		-	75-125	-	20
Selenium, Total	ND	11.3	11	97		-	75-125	-	20
Silver, Total	ND	28.2	29	103		-	75-125	-	20
Sodium, Total	170J	940	960	102		-	75-125	-	20
Thallium, Total	0.66J	11.3	11	97		-	75-125	-	20
Vanadium, Total	21.	47	73	110		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 QC Batch ID: WG805471-4 QC Sample: L1516980-24 Client ID: DP-128-SO-100-01									
Zinc, Total	36.	47	92	119	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 44-57 QC Batch ID: WG805594-4 QC Sample: L1517213-09 Client ID: MS Sample									
Aluminum, Total	12000	177	14000	1130	Q	-	75-125	-	20
Antimony, Total	ND	44.3	36	81		-	75-125	-	20
Arsenic, Total	9.4	10.6	20	100		-	75-125	-	20
Barium, Total	78.	177	240	91		-	75-125	-	20
Beryllium, Total	0.71	4.43	4.7	90		-	75-125	-	20
Cadmium, Total	ND	4.52	4.1	91		-	75-125	-	20
Calcium, Total	2200	886	2900	79		-	75-125	-	20
Chromium, Total	24.	17.7	40	90		-	75-125	-	20
Cobalt, Total	10.	44.3	46	81		-	75-125	-	20
Copper, Total	18.	22.1	36	81		-	75-125	-	20
Iron, Total	26000	88.6	28000	2260	Q	-	75-125	-	20
Lead, Total	ND	45.2	37	82		-	75-125	-	20
Magnesium, Total	4600	886	5200	68	Q	-	75-125	-	20
Manganese, Total	460	44.3	510	113		-	75-125	-	20
Nickel, Total	18.	44.3	55	84		-	75-125	-	20
Potassium, Total	1200	886	2100	102		-	75-125	-	20
Selenium, Total	ND	10.6	7.8	73	Q	-	75-125	-	20
Silver, Total	ND	26.6	24	90		-	75-125	-	20
Sodium, Total	110	886	910	90		-	75-125	-	20
Thallium, Total	ND	10.6	7.6	72	Q	-	75-125	-	20
Vanadium, Total	33.	44.3	75	95		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 44-57 QC Batch ID: WG805594-4 QC Sample: L1517213-09 Client ID: MS Sample									
Zinc, Total	47.	44.3	85	86	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805728-4 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5									
Mercury, Dissolved	ND	5	4.051	81	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805900-4 QC Sample: L1516980-01 Client ID: DP-124-SO-010-01									
Mercury, Total	0.02J	0.136	0.21	154	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805903-4 QC Sample: L1516980-21 Client ID: DP-127-SO-300-01									
Mercury, Total	0.03J	0.154	0.23	150	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805904-4 QC Sample: L1516980-41 Client ID: DP-132-SO-010-01									
Mercury, Total	0.12	0.147	0.34	150	Q	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805988-4 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5									
Aluminum, Dissolved	8.55J	2000	1980	99	-	-	75-125	-	20
Antimony, Dissolved	1.606J	500	532.0	106	-	-	75-125	-	20
Arsenic, Dissolved	3.947	120	124.0	100	-	-	75-125	-	20
Barium, Dissolved	207.6	2000	2155	97	-	-	75-125	-	20
Beryllium, Dissolved	ND	50	50.85	102	-	-	75-125	-	20
Cadmium, Dissolved	ND	51	57.46	113	-	-	75-125	-	20
Calcium, Dissolved	26900	10000	34100	72	Q	-	75-125	-	20
Chromium, Dissolved	10.08	200	186.2	88	-	-	75-125	-	20
Cobalt, Dissolved	12.11	500	513.3	100	-	-	75-125	-	20
Copper, Dissolved	0.6323J	250	252.8	101	-	-	75-125	-	20
Iron, Dissolved	77200	1000	78600	140	Q	-	75-125	-	20
Lead, Dissolved	4.073	510	542.0	105	-	-	75-125	-	20
Magnesium, Dissolved	34900	10000	46200	113	-	-	75-125	-	20
Manganese, Dissolved	5221.	500	5844	125	-	-	75-125	-	20
Nickel, Dissolved	9.628	500	536.5	105	-	-	75-125	-	20
Potassium, Dissolved	2160	10000	11800	96	-	-	75-125	-	20
Selenium, Dissolved	ND	120	107	89	-	-	75-125	-	20
Silver, Dissolved	0.1010J	50	47.48	95	-	-	75-125	-	20
Sodium, Dissolved	189000	10000	200000	110	-	-	75-125	-	20
Thallium, Dissolved	ND	120	121.7	101	-	-	75-125	-	20
Vanadium, Dissolved	ND	500	474.6	95	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805988-4 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5									
Zinc, Dissolved	3.927J	500	498.9	100	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,62 QC Batch ID: WG805286-3 QC Sample: L1516903-52 Client ID: DUP Sample						
Aluminum, Total	ND	ND	ug/l	NC		20
Antimony, Total	ND	ND	ug/l	NC		20
Arsenic, Total	ND	ND	ug/l	NC		20
Barium, Total	ND	ND	ug/l	NC		20
Beryllium, Total	ND	ND	ug/l	NC		20
Cadmium, Total	ND	ND	ug/l	NC		20
Calcium, Total	84.J	73.J	ug/l	NC		20
Chromium, Total	14.	14	ug/l	0		20
Cobalt, Total	ND	ND	ug/l	NC		20
Copper, Total	ND	ND	ug/l	NC		20
Iron, Total	1400	1400	ug/l	0		20
Lead, Total	ND	ND	ug/l	NC		20
Magnesium, Total	13.J	13.J	ug/l	NC		20
Manganese, Total	17.2	16.8	ug/l	2		20
Nickel, Total	ND	ND	ug/l	NC		20
Potassium, Total	ND	ND	ug/l	NC		20
Selenium, Total	ND	ND	ug/l	NC		20
Silver, Total	ND	ND	ug/l	NC		20
Sodium, Total	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,62 QC Batch ID: WG805286-3 QC Sample: L1516903-52 Client ID: DUP Sample					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	ND	ND	ug/l	NC	20
Zinc, Total	11.7J	10.3J	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805421-3 QC Sample: L1516947-01 Client ID: DUP Sample					
Aluminum, Total	12000	13000	mg/kg	8	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	5.1	3.0	mg/kg	52 Q	20
Barium, Total	35.	41	mg/kg	16	20
Beryllium, Total	0.74	0.71	mg/kg	4	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	170	160	mg/kg	6	20
Chromium, Total	13.	14	mg/kg	7	20
Cobalt, Total	3.4	4.1	mg/kg	19	20
Copper, Total	7.3	7.0	mg/kg	4	20
Iron, Total	12000	15000	mg/kg	22 Q	20
Lead, Total	11.	10	mg/kg	10	20
Magnesium, Total	1200	1500	mg/kg	22 Q	20
Manganese, Total	200	180	mg/kg	11	20
Nickel, Total	6.2	7.4	mg/kg	18	20
Potassium, Total	300	340	mg/kg	13	20
Selenium, Total	0.62J	0.55J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805421-3 QC Sample: L1516947-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	18.	21	mg/kg	15	20
Zinc, Total	21.	23	mg/kg	9	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG805459-3 QC Sample: L1516980-04 Client ID: DP-124-SO-200-01					
Aluminum, Total	10000	11000	mg/kg	10	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	ND	ND	mg/kg	NC	20
Barium, Total	74.	78	mg/kg	5	20
Beryllium, Total	0.75	0.72	mg/kg	4	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	360	340	mg/kg	6	20
Chromium, Total	17.	20	mg/kg	16	20
Cobalt, Total	19.	12	mg/kg	45	Q 20
Copper, Total	14.	14	mg/kg	0	20
Iron, Total	26000	24000	mg/kg	8	20
Lead, Total	15.	13	mg/kg	14	20
Magnesium, Total	2900	3000	mg/kg	3	20
Manganese, Total	640	440	mg/kg	37	Q 20
Nickel, Total	15.	15	mg/kg	0	20
Potassium, Total	450	480	mg/kg	6	20
Selenium, Total	0.34J	0.33J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	180	180J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG805459-3 QC Sample: L1516980-04 Client ID: DP-124-SO-200-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.	25	mg/kg	4	20
Zinc, Total	53.	53	mg/kg	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 QC Batch ID: WG805471-3 QC Sample: L1516980-24 Client ID: DP-128-SO-100-01					
Aluminum, Total	5800	7500	mg/kg	26	Q 20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	ND	0.40J	mg/kg	NC	20
Barium, Total	54.	72	mg/kg	29	Q 20
Beryllium, Total	0.52	0.67	mg/kg	25	Q 20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	2600	1500	mg/kg	54	Q 20
Chromium, Total	14.	16	mg/kg	13	20
Cobalt, Total	6.9	9.6	mg/kg	33	Q 20
Copper, Total	14.	16	mg/kg	13	20
Iron, Total	14000	23000	mg/kg	49	Q 20
Lead, Total	22.	19	mg/kg	15	20
Magnesium, Total	1600	1900	mg/kg	17	20
Manganese, Total	110	160	mg/kg	37	Q 20
Nickel, Total	9.2	13	mg/kg	34	Q 20
Potassium, Total	440	510	mg/kg	15	20
Selenium, Total	ND	0.42J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	170J	75J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 24-43 QC Batch ID: WG805471-3 QC Sample: L1516980-24 Client ID: DP-128-SO-100-01					
Thallium, Total	0.66J	ND	mg/kg	NC	20
Vanadium, Total	21.	23	mg/kg	9	20
Zinc, Total	36.	44	mg/kg	20	20
Total Metals - Westborough Lab Associated sample(s): 44-57 QC Batch ID: WG805594-3 QC Sample: L1517213-09 Client ID: DUP Sample					
Arsenic, Total	9.4	8.9	mg/kg	5	20
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805728-3 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5					
Mercury, Dissolved	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805900-3 QC Sample: L1516980-01 Client ID: DP-124-SO-010-01					
Mercury, Total	0.02J	0.03J	mg/kg	NC	20
Total Metals - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805903-3 QC Sample: L1516980-21 Client ID: DP-127-SO-300-01					
Mercury, Total	0.03J	0.02J	mg/kg	NC	20
Total Metals - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805904-3 QC Sample: L1516980-41 Client ID: DP-132-SO-010-01					
Mercury, Total	0.12	0.10	mg/kg	18	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805988-3 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5					
Aluminum, Dissolved	8.55J	5.48J	ug/l	NC	20
Antimony, Dissolved	1.606J	0.2839J	ug/l	NC	20
Arsenic, Dissolved	3.947	4.137	ug/l	5	20
Barium, Dissolved	207.6	214.7	ug/l	3	20
Beryllium, Dissolved	ND	ND	ug/l	NC	20
Cadmium, Dissolved	ND	ND	ug/l	NC	20
Calcium, Dissolved	26900	26300	ug/l	2	20
Chromium, Dissolved	10.08	0.8735J	ug/l	NC	20
Cobalt, Dissolved	12.11	12.69	ug/l	5	20
Copper, Dissolved	0.6323J	ND	ug/l	NC	20
Lead, Dissolved	4.073	4.157	ug/l	2	20
Magnesium, Dissolved	34900	35800	ug/l	3	20
Nickel, Dissolved	9.628	2.600	ug/l	115	Q 20
Potassium, Dissolved	2160	2200	ug/l	2	20
Selenium, Dissolved	ND	ND	ug/l	NC	20
Silver, Dissolved	0.1010J	0.0996J	ug/l	NC	20
Thallium, Dissolved	ND	ND	ug/l	NC	20
Vanadium, Dissolved	ND	ND	ug/l	NC	20
Zinc, Dissolved	3.927J	4.563J	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 60-61 QC Batch ID: WG805988-3 QC Sample: L1516980-60 Client ID: GTW-661-804-3-5					
Iron, Dissolved	77200	78500	ug/l	2	20
Manganese, Dissolved	5221.	5209	ug/l	0	20
Sodium, Dissolved	189000	195000	ug/l	3	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-01
Client ID: DP-124-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 07:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-02
Client ID: DP-124-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 07:50
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-03
Client ID: DP-124-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 07:58
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-04
Client ID: DP-124-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-05
Client ID: DP-124-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:02
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-06
Client ID: DP-125-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-07
 Client ID: DP-125-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/22/15 08:15
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-08
Client ID: DP-125-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:18
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-09
Client ID: DP-125-SO-100-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:20
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-10
Client ID: DP-125-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:23
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-11
Client ID: DP-125-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-12
Client ID: DP-126-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:35
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-13
Client ID: DP-126-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:38
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-14
Client ID: DP-126-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:40
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-15
Client ID: DP-126-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:43
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-16
Client ID: DP-126-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 08:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-17
Client ID: DP-127-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:12
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-18
Client ID: DP-127-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:15
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-19
 Client ID: DP-127-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/22/15 09:20
 Date Received: 07/22/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-20
Client ID: DP-127-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:22
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/23/15 14:46	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-21
Client ID: DP-127-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-22
Client ID: DP-128-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:40
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-23
Client ID: DP-128-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:43
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-24
Client ID: DP-128-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-25
Client ID: DP-128-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:48
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-26
Client ID: DP-128-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 09:50
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-27
Client ID: DP-129-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:30
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-28
Client ID: DP-129-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:35
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-29
Client ID: DP-129-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:40
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-30
Client ID: DP-129-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-31
Client ID: DP-129-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:48
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-32
Client ID: DP-130-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:50
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-33
Client ID: DP-130-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:52
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-34
Client ID: DP-130-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 10:55
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-35
Client ID: DP-130-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-36
Client ID: DP-130-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:05
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-37
Client ID: DP-131-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:22
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98.6		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-38
Client ID: DP-131-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-39
Client ID: DP-131-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:30
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-40
Client ID: DP-131-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 11:33
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	07/23/15 15:08	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-41
Client ID: DP-132-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 13:30
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-42
Client ID: DP-132-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 13:35
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-43
Client ID: DP-132-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 13:40
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-44
Client ID: DP-132-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 13:42
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-45
Client ID: DP-133-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:15
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-46
Client ID: DP-133-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:20
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-47
Client ID: DP-133-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-48
Client ID: DP-133-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:30
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-49
Client ID: DP-133-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:35
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-50
Client ID: DP-133-SO-100-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 14:26
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-51
Client ID: DP-134-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-52
Client ID: DP-134-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:05
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-53
Client ID: DP-134-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:08
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-54
Client ID: DP-134-SO-200-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:10
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-55
Client ID: DP-134-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:15
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-56
Client ID: DP-135-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

SAMPLE RESULTS

Lab ID: L1516980-57
Client ID: DP-135-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:35
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516980
Report Date: 08/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805426-1 QC Sample: L1516980-01 Client ID: DP-124-SO-010-01						
Solids, Total	92.0	92.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805437-1 QC Sample: L1516980-21 Client ID: DP-127-SO-300-01						
Solids, Total	83.5	83.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805505-1 QC Sample: L1516954-01 Client ID: DUP Sample						
Solids, Total	85.5	86.0	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-01A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-01A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-01B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-02A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-02A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-02B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-03A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-03A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516980

Report Date: 08/02/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-03B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-04A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-04A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-04B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-05A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-05A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-05B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-06A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-06A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516980-06B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-07A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-07A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-07B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-08A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-08A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-08B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-09A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-09A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516980-09B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-10A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-10A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-10B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-11A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-11A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-11B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-12A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-12A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

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L1516980-12B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-13A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-13A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-13B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-14A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-14A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-14B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-15A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-15A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

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L1516980-15B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-16A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516980-16A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-16B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1516980-17A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-17A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-17B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-18A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-18A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-18B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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L1516980-19A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-19A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-19B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-20A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-20A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-20B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-21A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-21A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-21B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-22A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-22A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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L1516980-22B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-23A	Glass 120ml/4oz unpreserved	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-23A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-23B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-24A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-24A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-24B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-25A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-25A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-25B	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-26A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)

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L1516980-26A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-26B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-27A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-27A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-27B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-28A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-28A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-28B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-29A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-29A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-29B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-30A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-30A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-30B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-31A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-31A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-31B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-32A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-32A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-32B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-33A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-33A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

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L1516980-33B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-34A	Vial Large Septa unpreserved (40	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-34A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-34B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-35A	Vial Large Septa unpreserved (40	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-35A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-35B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-36A	Vial Large Septa unpreserved (40	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-36A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-36B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-37A	Vial Large Septa unpreserved (40	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)

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Container Information

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L1516980-37A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-37B	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-38A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-38A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-38B	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-39A	Vial Large Septa unpreserved (4o	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-39A9	Vial MeOH preserved split	A	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1516980-39B	Glass 250ml/8oz unpreserved	A	N/A	3.5	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-40A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-40A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-40B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

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L1516980-41A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-41A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-41B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-42A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-42A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-42B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-43A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-43A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-43B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-44A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-44A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-44B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-45A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-45A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-45B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-45C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-46A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-46A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-46B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

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L1516980-46C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-47A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-47A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-47B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-47C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-48A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-48A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-48B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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L1516980-48C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-49A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-49A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-49B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-49C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-50A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-50A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-50B	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-50C	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-51A	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-51A9	Vial MeOH preserved split	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-51B	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-51C	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-52A	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-52A9	Vial MeOH preserved split	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-52B	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Report Date: 08/02/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-52C	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-53A	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-53A9	Vial MeOH preserved split	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-53B	Glass 250ml/8oz unpreserved	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-54A	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-54A9	Vial MeOH preserved split	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-54B	Glass 250ml/8oz unpreserved	B	N/A	2.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-55A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-55A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-55B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-56A	Vial Large Septa unpreserved (4o	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-56A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-56B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-57A	Vial Large Septa unpreserved (40	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1516980-57A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-57B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1516980-58A	Vial HCl preserved	C	N/A	3.9	Y	Absent	PA-8260(14)
L1516980-58B	Vial HCl preserved	C	N/A	3.9	Y	Absent	PA-8260(14)
L1516980-58C	Vial HCl preserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1516980-58D	Plastic 250ml HNO3 preserved	C	<2	3.9	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1516980-58E	Amber 1000ml unpreserved	C	7	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516980-58F	Amber 1000ml unpreserved	C	7	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516980-58G	Amber 1000ml unpreserved	C	7	3.9	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7)
L1516980-59A	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-59B	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-60A	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-60B	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-60C	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-60D	Plastic 250ml unpreserved	B	7	2.8	Y	Absent	-
L1516980-60E	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-TPH-DROD-C44(7)
L1516980-60F	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-8270(7),PA-8270SIM(7)
L1516980-60X	Plastic 250ml HNO3 preserved spl	B	<2	2.8	Y	Absent	PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),K-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),MN-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),CA-6020S-PPB(180),FE-6020S-PPB(180),MG-6020S-PPB(180),NA-6020S-PPB(180),V-6020S-PPB(180),AL-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1516980-61A	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-61B	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-61C	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-61D	Plastic 250ml unpreserved	B	7	2.8	Y	Absent	-
L1516980-61E	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-TPH-DROD-C44(7)
L1516980-61X	Plastic 250ml HNO3 preserved spl	B	<2	2.8	Y	Absent	PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),K-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),MN-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),CA-6020S-PPB(180),FE-6020S-PPB(180),MG-6020S-PPB(180),NA-6020S-PPB(180),V-6020S-PPB(180),AL-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1516980-62A	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516980-62B	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-62C	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1516980-62D	Plastic 250ml HNO3 preserved	B	<2	2.8	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1516980-62E	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-TPH-DROD-C44(7)
L1516980-62F	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-8270(7),PA-8270SIM(7)
L1516980-62G	Amber 1000ml unpreserved	B	7	2.8	Y	Absent	PA-8270(7),PA-8270SIM(7)
L1516980-63A	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)
L1516980-63B	Vial HCl preserved	B	N/A	2.8	Y	Absent	PA-8260(14)

*Values in parentheses indicate holding time in days

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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

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WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/29 Friday Time:

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L1516980

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1-402 for VOC

ANALYSIS

TOTAL # BOTTLES

TAL Metals (6010)
TPH (60-644 (8015))
PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Preservation
 Lab to do

(Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH (60-644 (8015))	PAH (8270C)		
<u>16980</u>	<u>-01 DP-12450-010-01</u>	<u>7/22</u>	<u>0745</u>	<u>SO</u>	<u>MK</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-02</u>	<u>DP-12450-050-01</u>		<u>0750</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-03</u>	<u>DP-12450-100-01</u>		<u>0758</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-04</u>	<u>DP-12450-200-01</u>		<u>0800</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-05</u>	<u>DP-12450-300-01</u>		<u>0802</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-06</u>	<u>DP-125-50-010-01</u>		<u>0810</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-07</u>	<u>DP-125-50-050-01</u>		<u>0815</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-08</u>	<u>DP-125-50-100-01</u>		<u>0818</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-09</u>	<u>DP-125-50-100-02</u>		<u>0820</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>
<u>-10</u>	<u>DP-125-50-200-01</u>		<u>0823</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>2</u>

Relinquished By: Jim Coley 7/23/15 0333

Container Type	
Preservative	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>Christian T Schwabehn</u>	<u>7/22/15 16:20</u>	<u>AAAL JUA</u>	<u>7/22/15 16:20</u>
<u>JWA</u>	<u>7/23/15 19:40</u>	<u>Dean Husted (AAL)</u>	<u>7/23/15 19:40</u>
<u>Dean Husted (AAL)</u>	<u>7/22/15 21:15</u>	<u>Jim Coley</u>	<u>7/22/15 21:40</u>

Jim Coley 7/23/15 0333



CHAIN OF CUSTODY

PAGE 2 OF 7

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Haley + Aldrich Inc.
Address: 5333 Mission Center Rd
San Diego, CA, 92106
Phone: 619-285-7122
Fax:
Email: dkenard@halegaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 3 day Time:

Other Project Specific Requirements/Comments/Detection Limits:
hold 1-4oz for VOC

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L1516980

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

ANALYSIS	SAMPLE HANDLING										TOTAL # BOTTLES		
	TAL Metals (6010)	TPH (60-244 (6015))	PAH (8270C)	BTEX (8260)	Filtration _____	<input type="checkbox"/> Done	<input type="checkbox"/> Not needed	<input type="checkbox"/> Lab to do Preservation	<input type="checkbox"/> Lab to do	(Please specify below)		Sample Specific Comments	
	X	X	X										2
	X	X	X										2
	X	X	X										2
	X	X	X										2
	X	X	X										2
	X	X		X									2
	X	X		X									2
	X	X		X									2

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										TOTAL # BOTTLES		
		Date	Time			TAL Metals (6010)	TPH (60-244 (6015))	PAH (8270C)	BTEX (8260)									
16980 -11	DP-12550-300-01	7/22	0825	SO	MK	X	X	X										2
-12	DP-126-50-010-01		0835			X	X	X										2
-13	DP-12650-050-01		0838			X	X	X										2
-14	DP-126-50-100-01		0840			X	X	X										2
-15	DP-126-50-200-01		0843			X	X	X										2
-16	PP-126-50-300-01		0845			X	X	X										2
-17	DP-127-50-010-01		0912			X	X		X									2
-18	DP-127-50-050-01		0915			X	X		X									2
-19	DP-12750-100-01		0920			X	X		X									2
-20	DP-127-50-200-01		0922			X	X		X									2

Jim Carley 7/23/15 03³³

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Schubert</u>	<u>07/22/15 16:00</u>	<u>AAJ J. Witt</u>	<u>7/23/15 16:20</u>
<u>J. Witt</u>	<u>7/22/15 19:40</u>	<u>David Holland (AAJ)</u>	<u>7/22/15 19:40</u>
<u>J. Witt</u>	<u>7/22/15 21:45</u>	<u>Bob Jones</u>	<u>7/22/15 21:45</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



CHAIN OF CUSTODY

PAGE 3 OF 7

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Haley + Aldrich
Address: 5335 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28/15 Time: 1 day

Other Project Specific Requirements/Comments/Detection Limits:
hold ~~VOC~~
1x4oz for VOC

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L156980

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

ANALYSIS
TAL MTHS (6010)
TPHCG (644)
PAH (6270X)
BTEX (8260)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL	TPHCG	PAH	BTEX							Sample Specific Comments	TOTAL # BOTTLES
		Date	Time														
<u>16980 -21</u>	<u>DP-127-50-300-01</u>	<u>7/22</u>	<u>0925</u>	<u>SO</u>	<u>MK</u>	X	X	X									<u>2</u>
<u>-22</u>	<u>DP-128-50-010-01</u>		<u>0940</u>			X	X	X									<u>2</u>
<u>-23</u>	<u>DP-128-50-050-01</u>		<u>0943</u>			X	X	X									<u>2</u>
<u>-24</u>	<u>DP-128-50-100-01</u>		<u>0945</u>			X	X	X									<u>2</u>
<u>-25</u>	<u>DP-128-50-200-01</u>		<u>0948</u>			X	X	X							<u>2 x 4oz, small recovery</u>		<u>2</u>
<u>-26</u>	<u>DP-128-50-300-01</u>		<u>0950</u>			X	X	X									<u>2</u>
<u>-27</u>	<u>DP-129-50-010-01</u>		<u>1030</u>			X	X	X									<u>2</u>
<u>-28</u>	<u>DP-129-50-050-01</u>		<u>1035</u>			X	X	X									<u>2</u>
<u>-29</u>	<u>DP-129-50-100-01</u>		<u>1040</u>			X	X	X									<u>2</u>
<u>-30</u>	<u>DP-129-50-200-01</u>		<u>1045</u>			X	X	X									<u>2</u>

Relinquished by:
Jim Coyle 7/23/15 03³³

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubert</u>	<u>07/22/15 16:20</u>	<u>J. Walsh</u>	<u>7/23/15 16:24</u>
<u>J. Walsh</u>	<u>7/22/15 19:40</u>	<u>Don Hall (AAL)</u>	<u>7/23/15 19:40</u>
<u>Don Hall (AAL)</u>	<u>7/23/15 21:45</u>	<u>John Wong</u>	<u>7/24/15 21:41</u>

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John Wong 7/24/15 03³³



CHAIN OF CUSTODY

PAGE 4 OF 7

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/23/15

ALPHA Job #: 11516980

Client Information

Client: Haley Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location: 40223-002

Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 8day

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1-4oz for DOC

ANALYSIS
TAL Metals (6010)
TPH (6044) (8015)
PAH (8270C)
BTEX (8260)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL Metals (6010)	TPH (6044) (8015)	PAH (8270C)	BTEX (8260)	Sample Specific Comments		
		Date	Time									
16980 -31	DP-124-SO-300-01	7/22	1048	SO	MK	X	X	X			2	
-32	DP-130-SO-010-01	↓	1050	↓	↓	X	X	X			2	
-33	DP-130-SO-050-01		1052			X	X	X			2	
-34	DP-130-SO-100-01		1055			X	X	X			2	
-35	DP-130-SO-200-01		1100			X	X	X			2	
-36	DP-130-SO-300-01		1105			X	X	X			2	
-37	DP-131-SO-010-01		1122			X	X	X			2 × 4oz, low recovery	2
-38	DP-131-SO-050-01		1125			X	X	X			2 × 4oz, low recovery	2
39	DP-131-SO-100-01		1130			X	X	X				2
40	DP-131-SO-200-01		1133			X	X	X				2

Relinquished By: Jim Conley 7/29/15 0333

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. T. Schubert</u>	<u>7/22/15 16:20</u>	<u>AAJ J. W. H.</u>	<u>7/22/15 16:26</u>
<u>J. W. H.</u>	<u>7/22/15 19:40</u>	<u>David H. H. (AAL)</u>	<u>7/22/15 19:40</u>
<u>David H. H. (AAL)</u>	<u>7/22/15 20:05</u>	<u>Jim Conley</u>	<u>7/22/15 21:05</u>

Jim Conley 7/23/15 0333



CHAIN OF CUSTODY

PAGE 5 OF 7

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516980

Client Information

Client: Haley + Aldrich
Address: 5338 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 1 day

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1 - 4oz for VOC

ANALYSIS
TAL Metals (6010)
TPH (6-44)(8015)
PAH (8270)
BTEX (8260)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH (6-44)(8015)	PAH (8270)		
<u>16980</u> -41	DP-132-S0-010-01	<u>7/22</u>	<u>13:30</u>	<u>SO</u>	<u>MK</u>	X	X	X		2
-42	DP-132-S0-050-01		<u>13:35</u>							2
-43	DP-132-S0-100-01		<u>13:40</u>							2
-44	DP-132-S0-200-01		<u>13:42</u>							2
-45	DP-133-S0-010-01		<u>14:15</u>							3
-46	DP-133-S0-050-01		<u>14:20</u>							3
-47	DP-133-S0-100-01		<u>14:25</u>							3
-48	DP-133-S0-200-01		<u>14:30</u>							3
-49	DP-133-S0-300-01		<u>14:35</u>							3
-50	DP-133-S0-100-02		<u>14:26</u>							3

Relinquished
Jim Conley 7/23/15 0833

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

C. F. Schybelu

7/22/15 16:20

JAC T. W.

7/22/15 16:22

Scott Hurlbut (AAL)

7/22/15 19:40

Scott Hurlbut (AAL)

7/22/15 19:40

Rob Chamberlain

7/22/15 21:15

Scott Hurlbut (AAL)

7/22/15 21:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Scott Hurlbut 7/23/15 0833

CHAIN OF CUSTODY

PAGE 6 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Haley & Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information

Project Name:
Project Location: 40223-002
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 4:00 PM

Date Rec'd:
Report Information - Data Delivery
 FAX EMAIL Same as original
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Mold 1- 4oz for VOC

ANALYSIS	TAL Metals (8010)	
	TPH (6-244) (8015)	
	PAH (8270C)	
	BTEX (8260)	
	VOC	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			TAL Metals (8010)	TPH (6-244) (8015)	PAH (8270C)	BTEX (8260)	VOC								
16480	-S1 DP-134-50-010-01	7/22	15:00	SO	MK	X	X		X									3
	-S2 DP-134-50-050-01		15:05			X	X		X									3
	-S3 DP-134-50-100-01		15:08			X	X		X									2
	-S4 DP-134-50-200-01		15:10			X	X		X									2
	-S5 DP-134-50-300-01		15:15			X	X		X									2
	-S6 EB DP-135-50-010-01		15:25			X	X		X									2
	-S7 DP-135-50-050-01		15:35			X	X		X									2
	-S8 EBO1-072215		16:00		CT	X	X	X	X									7
	-S9 TBO1-072215		16:00		CT					X								2

Relinquished By: Jim Corley 7/23/15 0333

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tselabeh</u>	<u>7/22/15 16:20</u>	<u>[Signature]</u>	<u>7/22/15 16:20</u>
<u>[Signature]</u>	<u>7/22/15 19:40</u>	<u>David Helled (AAL)</u>	<u>7/22/15 19:40</u>
<u>[Signature] (AAL)</u>	<u>7/22/15 21:25</u>	<u>[Signature]</u>	<u>7/22/15 21:25</u>
<u>[Signature]</u>	<u>7/23/15 10:40</u>	<u>[Signature]</u>	<u>7/23/15 10:40</u>

7/23/15 0333



CHAIN OF CUSTODY

PAGE 7 OF 7

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD. STE 300
SAN DIEGO, CA 92108

Phone: 619-285-7122

Fax:

Email: D.Kennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Project Information

Project Name: BLIZZARD POINT

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/27 3 day Time:

Date Rec'd in Lab: 7/28/15

ALPHA Job #: 41516980

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

LAB FILTER METALS ANALYSIS

ANALYSIS	SAMPLE HANDLING										
	Vol's (8260)	SVOL's (8270)	TAL METALS (6010)	TPH CO-CAT (8015)	BTEX (8260)	Filtration	<input type="checkbox"/> Done	<input type="checkbox"/> Not needed	<input type="checkbox"/> Lab to do	<input type="checkbox"/> Lab to do	(Please specify below)
X	X	X	X								
X		X	X								
X	X	X	X	X							
X											

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments										TOTAL # BOTTLES					
		Date	Time																		
16980 -60	GTW-661-804-3-5	7/22/15	09:06	W	CT	X	X	X	X												6
-61	GTW-605-802-6-3		13:10	W		X		X	X												5
-62	EB02-072215		10:10	W		X	X	X	X	X											7
-64	TB02-072215		15:00	W		X															2

Robert Jim Conley 7/23/15 0333

Container Type	3	1	1	1									
Preservative	X												

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschel</u>	<u>07/22/15 16:20</u>	<u>AAJ</u>	<u>7/22/15 16:20</u>
<u>David Halladay (AAJ)</u>	<u>7/22/15 19:40</u>	<u>David Halladay (AAJ)</u>	<u>7/22/15 19:40</u>
<u>Bob Jensen</u>	<u>7/22/15 21:15</u>	<u>Bob Jensen</u>	<u>7/22/15 21:15</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Jim Conley 7/28/15 0333



ANALYTICAL REPORT

Lab Number:	L1517186
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/28/15

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Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517186-01	DP-136-SO-010-01	SOIL	Not Specified	07/23/15 07:48	07/23/15
L1517186-02	DP-136-SO-050-01	SOIL	Not Specified	07/23/15 07:50	07/23/15
L1517186-03	DP-136-SO-100-01	SOIL	Not Specified	07/23/15 07:55	07/23/15
L1517186-04	DP-136-SO-200-01	SOIL	Not Specified	07/23/15 07:58	07/23/15
L1517186-05	DP-136-SO-300-01	SOIL	Not Specified	07/23/15 08:00	07/23/15
L1517186-06	DP-137-SO-010-01	SOIL	Not Specified	07/23/15 08:12	07/23/15
L1517186-07	DP-137-SO-050-01	SOIL	Not Specified	07/23/15 08:15	07/23/15
L1517186-08	DP-137-SO-100-01	SOIL	Not Specified	07/23/15 08:17	07/23/15
L1517186-09	DP-137-SO-200-01	SOIL	Not Specified	07/23/15 08:20	07/23/15
L1517186-10	DP-137-SO-300-01	SOIL	Not Specified	07/23/15 08:22	07/23/15
L1517186-11	DP-138-SO-010-01	SOIL	Not Specified	07/23/15 08:35	07/23/15
L1517186-12	DP-138-SO-050-01	SOIL	Not Specified	07/23/15 08:37	07/23/15
L1517186-13	DP-138-SO-100-01	SOIL	Not Specified	07/23/15 08:40	07/23/15
L1517186-14	DP-138-SO-200-01	SOIL	Not Specified	07/23/15 08:42	07/23/15
L1517186-15	DP-138-SO-300-01	SOIL	Not Specified	07/23/15 08:45	07/23/15
L1517186-16	DP-139-SO-010-01	SOIL	Not Specified	07/23/15 08:57	07/23/15
L1517186-17	DP-139-SO-050-01	SOIL	Not Specified	07/23/15 09:00	07/23/15
L1517186-18	DP-139-SO-100-01	SOIL	Not Specified	07/23/15 09:04	07/23/15
L1517186-19	DP-139-SO-100-02	SOIL	Not Specified	07/23/15 09:05	07/23/15
L1517186-20	DP-139-SO-200-01	SOIL	Not Specified	07/23/15 09:08	07/23/15
L1517186-21	DP-139-SO-300-01	SOIL	Not Specified	07/23/15 09:10	07/23/15
L1517186-22	DP-140-SO-010-01	SOIL	Not Specified	07/23/15 09:45	07/23/15
L1517186-23	DP-140-SO-050-01	SOIL	Not Specified	07/23/15 09:48	07/23/15
L1517186-24	DP-140-SO-100-01	SOIL	Not Specified	07/23/15 09:56	07/23/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517186-25	DP-140-SO-200-01	SOIL	Not Specified	07/23/15 09:58	07/23/15
L1517186-26	DP-140-SO-300-01	SOIL	Not Specified	07/23/15 10:02	07/23/15
L1517186-27	DP-141-SO-010-01	SOIL	Not Specified	07/23/15 10:15	07/23/15
L1517186-28	DP-141-SO-050-01	SOIL	Not Specified	07/23/15 10:20	07/23/15
L1517186-29	DP-141-SO-100-01	SOIL	Not Specified	07/23/15 10:22	07/23/15
L1517186-30	DP-141-SO-200-01	SOIL	Not Specified	07/23/15 10:28	07/23/15
L1517186-31	DP-141-SO-300-01	SOIL	Not Specified	07/23/15 10:33	07/23/15
L1517186-32	DP-142-SO-010-01	SOIL	Not Specified	07/23/15 12:00	07/23/15
L1517186-33	DP-142-SO-050-01	SOIL	Not Specified	07/23/15 12:05	07/23/15
L1517186-34	DP-142-SO-100-01	SOIL	Not Specified	07/23/15 12:08	07/23/15
L1517186-35	DP-142-SO-200-01	SOIL	Not Specified	07/23/15 12:12	07/23/15
L1517186-36	DP-142-SO-300-01	SOIL	Not Specified	07/23/15 12:30	07/23/15
L1517186-37	DP-143-SO-010-01	SOIL	Not Specified	07/23/15 12:50	07/23/15
L1517186-38	DP-143-SO-050-01	SOIL	Not Specified	07/23/15 12:53	07/23/15
L1517186-39	DP-143-SO-100-01	SOIL	Not Specified	07/23/15 12:55	07/23/15
L1517186-40	DP-143-SO-200-01	SOIL	Not Specified	07/23/15 12:58	07/23/15
L1517186-41	DP-143-SO-300-01	SOIL	Not Specified	07/23/15 13:08	07/23/15
L1517186-42	DP-144-SO-010-01	SOIL	Not Specified	07/23/15 13:15	07/23/15
L1517186-43	DP-144-SO-050-01	SOIL	Not Specified	07/23/15 13:20	07/23/15
L1517186-44	DP-144-SO-100-01	SOIL	Not Specified	07/23/15 13:23	07/23/15
L1517186-45	DP-144-SO-200-01	SOIL	Not Specified	07/23/15 13:25	07/23/15
L1517186-46	DP-144-SO-300-01	SOIL	Not Specified	07/23/15 13:30	07/23/15
L1517186-47	DP-145-SO-010-01	SOIL	Not Specified	07/23/15 13:40	07/23/15
L1517186-48	DP-145-SO-050-01	SOIL	Not Specified	07/23/15 13:48	07/23/15
L1517186-49	DP-145-SO-100-01	SOIL	Not Specified	07/23/15 13:50	07/23/15
L1517186-50	DP-145-SO-100-02	SOIL	Not Specified	07/23/15 13:52	07/23/15
L1517186-51	DP-145-SO-200-01	SOIL	Not Specified	07/23/15 13:55	07/23/15
L1517186-52	DP-145-SO-300-01	SOIL	Not Specified	07/23/15 13:59	07/23/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517186-53	DP-146-SO-010-01	SOIL	Not Specified	07/23/15 14:15	07/23/15
L1517186-54	DP-146-SO-050-01	SOIL	Not Specified	07/23/15 14:18	07/23/15
L1517186-55	DP-146-SO-100-01	SOIL	Not Specified	07/23/15 14:21	07/23/15
L1517186-56	DP-146-SO-200-01	SOIL	Not Specified	07/23/15 14:24	07/23/15
L1517186-57	DP-146-SO-300-01	SOIL	Not Specified	07/23/15 14:28	07/23/15
L1517186-58	EB01-072315	WATER	Not Specified	07/23/15 14:44	07/23/15
L1517186-59	TB01-072315	WATER	Not Specified	07/23/15 14:45	07/23/15
L1517186-60	TB02-072315	WATER	Not Specified	07/23/15 14:46	07/23/15
L1517186-61	GTW-605-7-1-2	WATER	Not Specified	07/23/15 09:40	07/23/15
L1517186-62	GTW-607-13-1-2	WATER	Not Specified	07/23/15 12:40	07/23/15
L1517186-63	GTW-605-7-2-2	WATER	Not Specified	07/23/15 14:55	07/23/15
L1517186-64	EB02-072315	WATER	Not Specified	07/23/15 15:30	07/23/15
L1517186-65	TB FOR 07/22	WATER	Not Specified	07/22/15 00:00	07/23/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1517186-63 and -64: The sample has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

L1517186-63 and -64: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

L1517186-13: The surrogate recovery is below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG805814-3 Laboratory Duplicate RPD, performed on L1517186-01, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (51%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Gasoline Range Organics

L1517186-64: The sample has an elevated detection limit due to the dilution required by the sample matrix.

Total Metals

L1517186-06 through -31 and -64 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG805738-4 MS recoveries for aluminum (268%) and iron (1070%), performed on L1517186-12, do not apply because the sample concentrations are greater than four times the spike amounts added.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Case Narrative (continued)

The WG805738-4 MS recoveries, performed on L1517186-12, are outside the acceptance criteria for calcium (64%), magnesium (54%) and manganese (450%). A post digestion spike was performed and yielded unacceptable recoveries for calcium (74%) and manganese (64%); magnesium was within acceptance criteria. This has been attributed to sample matrix.

The WG805906-4 MS recovery, performed on L1517186-09, is outside the acceptance criteria for mercury (150%). A post digestion spike was performed and was within acceptance criteria.

The WG805738-3 Laboratory Duplicate RPDs, performed on L1517186-12, are outside the acceptance criteria for beryllium (28%), cobalt (35%), iron (22%), magnesium (24%), manganese (63%) and nickel (22%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Dissolved Metals

The WG806013-4 MS recoveries, performed on L1517186-61, are outside the acceptance criteria for calcium (193%) and magnesium (156%). A post digestion spike was performed and was within acceptance criteria.

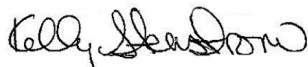
The WG806013-4 MS recoveries for iron (168%), manganese (128%) and sodium (240%), performed on L1517186-61, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG806013-3 Laboratory Duplicate RPD, performed on L1517186-61, is above the acceptance criteria for antimony (32%); however, the sample and duplicate results are less than five times the reporting limit.

Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/28/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-58
Client ID: EB01-072315
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/26/15 16:30
Analyst: MS

Date Collected: 07/23/15 14:44
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.6	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	2.1	J	ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-58
Client ID: EB01-072315
Sample Location: Not Specified

Date Collected: 07/23/15 14:44
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	0.29	J	ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-59
Client ID: TB01-072315
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/26/15 17:01
Analyst: MS

Date Collected: 07/23/15 14:45
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-59
Client ID: TB01-072315
Sample Location: Not Specified

Date Collected: 07/23/15 14:45
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-60
 Client ID: TB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/26/15 17:31
 Analyst: MS

Date Collected: 07/23/15 14:46
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-60
Client ID: TB02-072315
Sample Location: Not Specified

Date Collected: 07/23/15 14:46
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
 Client ID: GTW-605-7-1-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/26/15 19:41
 Analyst: MS

Date Collected: 07/23/15 09:40
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	0.92	J	ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	0.76	J	ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.7	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	220	J	ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
Client ID: GTW-605-7-1-2
Sample Location: Not Specified

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/26/15 20:12
Analyst: MS

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	1.8	J	ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	0.52	J	ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	7.0		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	3.6		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	5.5		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	5.5		ug/l	0.50	0.16	1
Cyclohexane	1.6	J	ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	2.1		ug/l	0.50	0.16	1
1,2-Dichloroethane	0.29	J	ug/l	0.50	0.13	1
Methyl cyclohexane	0.77	J	ug/l	10	0.40	1
Trichloroethene	0.35	J	ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	150	J	ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	0.27	J	ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	0.71	J	ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	0.71	J	ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	0.81		ug/l	0.50	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63 D
 Client ID: GTW-605-7-2-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:23
 Analyst: PD

Date Collected: 07/23/15 14:55
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	100	4.9	20
Chloromethane	ND		ug/l	50	3.5	20
Vinyl chloride	ND		ug/l	20	1.4	20
Bromomethane	ND		ug/l	20	5.1	20
Chloroethane	ND		ug/l	20	2.7	20
Trichlorofluoromethane	ND		ug/l	50	3.2	20
1,1-Dichloroethene	ND		ug/l	10	2.8	20
Carbon disulfide	ND		ug/l	100	6.0	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	50	3.0	20
Methylene chloride	ND		ug/l	50	5.8	20
Acetone	32	J	ug/l	100	29.	20
trans-1,2-Dichloroethene	ND		ug/l	15	3.3	20
Methyl Acetate	ND		ug/l	40	4.7	20
Methyl tert butyl ether	ND		ug/l	20	3.2	20
1,1-Dichloroethane	ND		ug/l	15	4.2	20
cis-1,2-Dichloroethene	ND		ug/l	10	3.7	20
1,2-Dichloroethene, Total	ND		ug/l	10	3.3	20
Cyclohexane	ND		ug/l	200	5.4	20
Bromochloromethane	ND		ug/l	50	2.8	20
Chloroform	ND		ug/l	15	3.2	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,1,1-Trichloroethane	ND		ug/l	10	3.2	20
2-Butanone	ND		ug/l	100	39.	20
Benzene	ND		ug/l	10	3.2	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
Methyl cyclohexane	ND		ug/l	200	7.9	20
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Bromodichloromethane	ND		ug/l	10	3.8	20
1,4-Dioxane	ND		ug/l	5000	820	20

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63 D
Client ID: GTW-605-7-2-2
Sample Location: Not Specified

Date Collected: 07/23/15 14:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Toluene	ND		ug/l	15	3.2	20
Tetrachloroethene	ND		ug/l	10	3.6	20
4-Methyl-2-pentanone	ND		ug/l	100	8.3	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1,2-Trichloroethane	ND		ug/l	15	2.9	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,2-Dibromoethane	ND		ug/l	40	3.9	20
2-Hexanone	ND		ug/l	100	10.	20
Chlorobenzene	ND		ug/l	10	3.6	20
Ethylbenzene	ND		ug/l	10	3.4	20
p/m-Xylene	ND		ug/l	20	6.6	20
o-Xylene	ND		ug/l	20	6.6	20
Xylenes, Total	ND		ug/l	20	6.6	20
Styrene	ND		ug/l	20	7.2	20
Bromoform	ND		ug/l	40	5.0	20
Isopropylbenzene	ND		ug/l	10	3.7	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	2.9	20
1,3-Dichlorobenzene	ND		ug/l	50	3.7	20
1,4-Dichlorobenzene	ND		ug/l	50	3.7	20
1,2-Dichlorobenzene	ND		ug/l	50	3.7	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	6.5	20
1,2,4-Trichlorobenzene	ND		ug/l	50	4.4	20
1,2,3-Trichlorobenzene	ND		ug/l	50	4.7	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64 D
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 12:59
 Analyst: PD

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	100	4.9	20
Chloromethane	ND		ug/l	50	3.5	20
Vinyl chloride	ND		ug/l	20	1.4	20
Bromomethane	ND		ug/l	20	5.1	20
Chloroethane	ND		ug/l	20	2.7	20
Trichlorofluoromethane	ND		ug/l	50	3.2	20
1,1-Dichloroethene	ND		ug/l	10	2.8	20
Carbon disulfide	ND		ug/l	100	6.0	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	50	3.0	20
Methylene chloride	ND		ug/l	50	5.8	20
Acetone	53	J	ug/l	100	29.	20
trans-1,2-Dichloroethene	ND		ug/l	15	3.3	20
Methyl Acetate	ND		ug/l	40	4.7	20
Methyl tert butyl ether	ND		ug/l	20	3.2	20
1,1-Dichloroethane	ND		ug/l	15	4.2	20
cis-1,2-Dichloroethene	ND		ug/l	10	3.7	20
1,2-Dichloroethene, Total	ND		ug/l	10	3.3	20
Cyclohexane	ND		ug/l	200	5.4	20
Bromochloromethane	ND		ug/l	50	2.8	20
Chloroform	ND		ug/l	15	3.2	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,1,1-Trichloroethane	ND		ug/l	10	3.2	20
2-Butanone	ND		ug/l	100	39.	20
Benzene	ND		ug/l	10	3.2	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
Methyl cyclohexane	ND		ug/l	200	7.9	20
Trichloroethene	ND		ug/l	10	3.5	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Bromodichloromethane	ND		ug/l	10	3.8	20
1,4-Dioxane	ND		ug/l	5000	820	20

Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64 D

Date Collected: 07/23/15 15:30

Client ID: EB02-072315

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Toluene	ND		ug/l	15	3.2	20
Tetrachloroethene	ND		ug/l	10	3.6	20
4-Methyl-2-pentanone	ND		ug/l	100	8.3	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
1,3-Dichloropropene, Total	ND		ug/l	10	2.9	20
1,1,2-Trichloroethane	ND		ug/l	15	2.9	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,2-Dibromoethane	ND		ug/l	40	3.9	20
2-Hexanone	ND		ug/l	100	10.	20
Chlorobenzene	ND		ug/l	10	3.6	20
Ethylbenzene	ND		ug/l	10	3.4	20
p/m-Xylene	ND		ug/l	20	6.6	20
o-Xylene	ND		ug/l	20	6.6	20
Xylenes, Total	ND		ug/l	20	6.6	20
Styrene	ND		ug/l	20	7.2	20
Bromoform	ND		ug/l	40	5.0	20
Isopropylbenzene	ND		ug/l	10	3.7	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.9	20
1,3-Dichlorobenzene	ND		ug/l	50	3.7	20
1,4-Dichlorobenzene	ND		ug/l	50	3.7	20
1,2-Dichlorobenzene	ND		ug/l	50	3.7	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	6.5	20
1,2,4-Trichlorobenzene	ND		ug/l	50	4.4	20
1,2,3-Trichlorobenzene	ND		ug/l	50	4.7	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/15 11:41
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-62 Batch: WG806270-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/15 11:41
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-62 Batch: WG806270-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/26/15 11:41
 Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 58-62 Batch: WG806270-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 11:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 63-64 Batch: WG806297-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 11:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 63-64 Batch: WG806297-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 11:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 63-64 Batch: WG806297-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-62 Batch: WG806270-1 WG806270-2								
Dichlorodifluoromethane	85		92		36-147	8		20
Chloromethane	60	Q	63	Q	64-130	5		20
Vinyl chloride	84		89		55-140	6		20
Bromomethane	112		117		39-139	4		20
Chloroethane	111		115		55-138	4		20
Trichlorofluoromethane	119		127		62-150	7		20
1,1-Dichloroethene	98		103		61-145	5		20
Carbon disulfide	89		93		51-130	4		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		106		70-130	4		20
Methylene chloride	96		100		70-130	4		20
Acetone	89		85		58-148	5		20
trans-1,2-Dichloroethene	96		101		70-130	5		20
Methyl Acetate	68	Q	72		70-130	6		20
Methyl tert butyl ether	89		92		63-130	3		20
1,1-Dichloroethane	92		96		70-130	4		20
cis-1,2-Dichloroethene	94		99		70-130	5		20
Cyclohexane	79		83		70-130	5		20
Bromochloromethane	103		107		70-130	4		20
Chloroform	99		103		70-130	4		20
Carbon tetrachloride	111		117		63-132	5		20
1,1,1-Trichloroethane	100		106		67-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-62 Batch: WG806270-1 WG806270-2								
2-Butanone	81		79		63-138	3		20
Benzene	94		100		70-130	6		20
1,2-Dichloroethane	92		96		70-130	4		20
Methyl cyclohexane	96		102		70-130	6		20
Trichloroethene	98		102		70-130	4		20
1,2-Dichloropropane	87		90		70-130	3		20
Bromodichloromethane	96		99		67-130	3		20
1,4-Dioxane	129		127		56-162	2		20
cis-1,3-Dichloropropene	95		98		70-130	3		20
Toluene	100		104		70-130	4		20
Tetrachloroethene	102		107		70-130	5		20
4-Methyl-2-pentanone	71		73		59-130	3		20
trans-1,3-Dichloropropene	95		98		70-130	3		20
1,1,2-Trichloroethane	97		101		70-130	4		20
Dibromochloromethane	103		106		63-130	3		20
1,2-Dibromoethane	95		100		70-130	5		20
2-Hexanone	67		66		57-130	2		20
Chlorobenzene	100		104		75-130	4		20
Ethylbenzene	99		104		70-130	5		20
p/m-Xylene	102		107		70-130	5		20
o-Xylene	101		105		70-130	4		20

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 58-62 Batch: WG806270-1 WG806270-2								
Styrene	102		106		70-130	4		20
Bromoform	99		105		54-136	6		20
Isopropylbenzene	100		105		70-130	5		20
1,1,2,2-Tetrachloroethane	93		97		67-130	4		20
1,3,5-Trimethylbenzene	103		107		64-130	4		20
1,2,4-Trimethylbenzene	102		106		70-130	4		20
1,3-Dichlorobenzene	98		101		70-130	3		20
1,4-Dichlorobenzene	98		102		70-130	4		20
1,2-Dichlorobenzene	97		102		70-130	5		20
1,2-Dibromo-3-chloropropane	90		95		41-144	5		20
1,2,4-Trichlorobenzene	92		96		70-130	4		20
Naphthalene	79		82		70-130	4		20
1,2,3-Trichlorobenzene	89		94		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 63-64 Batch: WG806297-1 WG806297-2								
Dichlorodifluoromethane	116		114		36-147	2		20
Chloromethane	69		65		64-130	6		20
Vinyl chloride	72		71		55-140	1		20
Bromomethane	68		64		39-139	6		20
Chloroethane	96		93		55-138	3		20
Trichlorofluoromethane	81		81		62-150	0		20
1,1-Dichloroethene	91		89		61-145	2		20
Carbon disulfide	80		79		51-130	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	94		96		70-130	2		20
Methylene chloride	88		87		70-130	1		20
Acetone	86		80		58-148	7		20
trans-1,2-Dichloroethene	93		92		70-130	1		20
Methyl Acetate	84		86		70-130	2		20
Methyl tert butyl ether	91		91		63-130	0		20
1,1-Dichloroethane	86		87		70-130	1		20
cis-1,2-Dichloroethene	91		89		70-130	2		20
Cyclohexane	87		88		70-130	1		20
Bromochloromethane	96		96		70-130	0		20
Chloroform	83		84		70-130	1		20
Carbon tetrachloride	93		93		63-132	0		20
1,1,1-Trichloroethane	86		87		67-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 63-64 Batch: WG806297-1 WG806297-2								
2-Butanone	91		90		63-138	1		20
Benzene	96		94		70-130	2		20
1,2-Dichloroethane	80		82		70-130	2		20
Methyl cyclohexane	88		89		70-130	1		20
Trichloroethene	87		86		70-130	1		20
1,2-Dichloropropane	92		90		70-130	2		20
Bromodichloromethane	82		84		67-130	2		20
1,4-Dioxane	97		98		56-162	1		20
cis-1,3-Dichloropropene	89		87		70-130	2		20
Toluene	98		98		70-130	0		20
Tetrachloroethene	108		107		70-130	1		20
4-Methyl-2-pentanone	80		82		59-130	2		20
trans-1,3-Dichloropropene	99		98		70-130	1		20
1,1,2-Trichloroethane	101		101		70-130	0		20
Dibromochloromethane	101		102		63-130	1		20
1,2-Dibromoethane	100		99		70-130	1		20
2-Hexanone	70		70		57-130	0		20
Chlorobenzene	100		98		75-130	2		20
Ethylbenzene	95		94		70-130	1		20
p/m-Xylene	100		99		70-130	1		20
o-Xylene	99		98		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 63-64 Batch: WG806297-1 WG806297-2								
Styrene	103		101		70-130	2		20
Bromoform	104		102		54-136	2		20
Isopropylbenzene	92		89		70-130	3		20
1,1,2,2-Tetrachloroethane	98		94		67-130	4		20
1,3,5-Trimethylbenzene	93		90		64-130	3		20
1,2,4-Trimethylbenzene	92		89		70-130	3		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	96		93		70-130	3		20
1,2-Dichlorobenzene	98		93		70-130	5		20
1,2-Dibromo-3-chloropropane	86		80		41-144	7		20
1,2,4-Trichlorobenzene	92		84		70-130	9		20
Naphthalene	102		85		70-130	18		20
1,2,3-Trichlorobenzene	91		84		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		86		70-130
Toluene-d8	100		104		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	92		93		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
Client ID: GTW-605-7-1-2
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/28/15 03:44
Analyst: PS

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	ND		ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	ND		ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
Client ID: GTW-605-7-1-2
Sample Location: Not Specified

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	ND		ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	95		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
Client ID: GTW-605-7-1-2
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/26/15 15:02
Analyst: MW

Date Collected: 07/23/15 09:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01	1
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02	1
Hexachloroethane	ND		ug/l	0.20	0.02	1
Hexachlorobenzene	ND		ug/l	0.20	0.01	1
Pentachlorophenol	ND		ug/l	0.10	0.06	1
Benzo(a)anthracene	ND		ug/l	0.25	0.08	1
Bis(2-ethylhexyl)phthalate	0.56	J	ug/l	1.0	0.12	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.10	0.03	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.14	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.50	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	78		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/28/15 04:10
Analyst: PS

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	ND		ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	ND		ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.40	J	ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	0.58	J	ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	95		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/26/15 15:28
Analyst: MW

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01	1
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02	1
Hexachloroethane	ND		ug/l	0.20	0.02	1
Hexachlorobenzene	ND		ug/l	0.20	0.01	1
Pentachlorophenol	ND		ug/l	0.10	0.06	1
Benzo(a)anthracene	ND		ug/l	0.25	0.08	1
Bis(2-ethylhexyl)phthalate	0.36	J	ug/l	1.0	0.12	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.10	0.03	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.14	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.50	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	81		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63
 Client ID: GTW-605-7-2-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 04:37
 Analyst: PS

Date Collected: 07/23/15 14:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	ND		ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	1.2	J	ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	ND		ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63
Client ID: GTW-605-7-2-2
Sample Location: Not Specified

Date Collected: 07/23/15 14:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	ND		ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	1.1	J	ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	97		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63 D
 Client ID: GTW-605-7-2-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/27/15 15:41
 Analyst: MW

Date Collected: 07/23/15 14:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	0.20	0.01	2
n-Nitrosodi-n-propylamine	ND		ug/l	0.20	0.04	2
Hexachloroethane	ND		ug/l	0.40	0.03	2
Hexachlorobenzene	ND		ug/l	0.40	0.01	2
Pentachlorophenol	ND		ug/l	0.20	0.13	2
Benzo(a)anthracene	ND		ug/l	0.50	0.16	2
Bis(2-ethylhexyl)phthalate	0.86	J	ug/l	2.0	0.25	2
Benzo(b)fluoranthene	ND		ug/l	0.40	0.12	2
Benzo(k)fluoranthene	ND		ug/l	0.40	0.11	2
Benzo(a)pyrene	ND		ug/l	0.20	0.07	2
Indeno(1,2,3-cd)pyrene	ND		ug/l	1.0	0.28	2
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.08	2
Benzo(ghi)perylene	ND		ug/l	1.0	0.35	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	73		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 05:05
 Analyst: PS

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/l	5.0	0.99	1
Phenol	ND		ug/l	5.0	0.27	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Acetophenone	0.79	J	ug/l	5.0	0.43	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
Isophorone	ND		ug/l	5.0	0.79	1
2-Nitrophenol	ND		ug/l	10	1.0	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
Naphthalene	ND		ug/l	2.0	0.33	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Caprolactam	ND		ug/l	10	0.39	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.54	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Biphenyl	ND		ug/l	2.0	0.24	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1

Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64

Date Collected: 07/23/15 15:30

Client ID: EB02-072315

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	0.47	J	ug/l	2.0	0.28	1
2,4-Dinitrophenol	ND		ug/l	20	0.56	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Fluorene	ND		ug/l	2.0	0.32	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
NDPA/DPA	ND		ug/l	2.0	0.34	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Atrazine	ND		ug/l	3.0	0.79	1
Phenanthrene	3.2		ug/l	2.0	0.23	1
Anthracene	1.1	J	ug/l	2.0	0.20	1
Carbazole	ND		ug/l	2.0	0.37	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Fluoranthene	4.8		ug/l	2.0	0.40	1
Pyrene	4.4		ug/l	2.0	0.52	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
Chrysene	ND		ug/l	2.0	0.30	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	68		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64 D
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/27/15 16:07
 Analyst: MW

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	1.0	0.05	10
n-Nitrosodi-n-propylamine	ND		ug/l	1.0	0.19	10
Hexachloroethane	ND		ug/l	2.0	0.16	10
Hexachlorobenzene	ND		ug/l	2.0	0.06	10
Pentachlorophenol	ND		ug/l	1.0	0.64	10
Benzo(a)anthracene	1.8	J	ug/l	2.5	0.80	10
Bis(2-ethylhexyl)phthalate	29		ug/l	10	1.2	10
Benzo(b)fluoranthene	1.5	J	ug/l	2.0	0.58	10
Benzo(k)fluoranthene	1.3	J	ug/l	2.0	0.57	10
Benzo(a)pyrene	4.9		ug/l	1.0	0.34	10
Indeno(1,2,3-cd)pyrene	ND		ug/l	5.0	1.4	10
Dibenzo(a,h)anthracene	ND		ug/l	1.0	0.38	10
Benzo(ghi)perylene	ND		ug/l	5.0	1.8	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	53		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 22:51
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 61-64 Batch: WG806179-1					
Benzaldehyde	ND		ug/l	5.0	0.99
Phenol	ND		ug/l	5.0	0.27
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.58
2-Methylphenol	ND		ug/l	5.0	0.70
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Acetophenone	ND		ug/l	5.0	0.43
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
Hexachloroethane	ND		ug/l	2.0	0.30
Nitrobenzene	ND		ug/l	2.0	0.40
Isophorone	ND		ug/l	5.0	0.79
2-Nitrophenol	ND		ug/l	10	1.0
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Naphthalene	ND		ug/l	2.0	0.33
4-Chloroaniline	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Caprolactam	ND		ug/l	10	0.39
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Methylnaphthalene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Biphenyl	ND		ug/l	2.0	0.24
2-Chloronaphthalene	ND		ug/l	2.0	0.46

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 22:51
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 61-64 Batch: WG806179-1					
2-Nitroaniline	ND		ug/l	5.0	0.96
Dimethyl phthalate	ND		ug/l	5.0	0.33
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Acenaphthylene	ND		ug/l	2.0	0.37
3-Nitroaniline	ND		ug/l	5.0	0.67
Acenaphthene	ND		ug/l	2.0	0.28
2,4-Dinitrophenol	ND		ug/l	20	0.56
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
Dibenzofuran	ND		ug/l	2.0	0.22
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59
Diethyl phthalate	ND		ug/l	5.0	0.39
Fluorene	ND		ug/l	2.0	0.32
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Nitroaniline	ND		ug/l	5.0	0.83
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Hexachlorobenzene	ND		ug/l	2.0	0.40
Pentachlorophenol	ND		ug/l	10	3.2
Atrazine	ND		ug/l	3.0	0.79
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Carbazole	ND		ug/l	2.0	0.37
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 22:51
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 61-64 Batch: WG806179-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	83		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/26/15 11:34
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 07/24/15 14:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 61-64 Batch: WG806182-1					
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.01
n-Nitrosodi-n-propylamine	ND		ug/l	0.10	0.02
Hexachloroethane	ND		ug/l	0.20	0.02
Hexachlorobenzene	ND		ug/l	0.20	0.01
Pentachlorophenol	ND		ug/l	0.10	0.06
Benzo(a)anthracene	ND		ug/l	0.25	0.08
Bis(2-Ethylhexyl)phthalate	0.47	J	ug/l	1.0	0.12
Benzo(b)fluoranthene	ND		ug/l	0.20	0.06
Benzo(k)fluoranthene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.10	0.03
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.50	0.14
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.50	0.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 61-64 Batch: WG806179-2 WG806179-3								
Benzaldehyde	89		79		40-140	12		30
Phenol	40		34		12-110	16		30
Bis(2-chloroethyl)ether	76		66		40-140	14		30
2-Chlorophenol	78		66		27-123	17		30
2-Methylphenol	73		62		30-130	16		30
Bis(2-chloroisopropyl)ether	73		63		40-140	15		30
Acetophenone	81		70		39-129	15		30
n-Nitrosodi-n-propylamine	80		67		29-132	18		30
3-Methylphenol/4-Methylphenol	70		60		30-130	15		30
Hexachloroethane	49		48		40-140	2		30
Nitrobenzene	80		70		40-140	13		30
Isophorone	81		68		40-140	17		30
2-Nitrophenol	83		70		30-130	17		30
2,4-Dimethylphenol	71		67		30-130	6		30
Bis(2-chloroethoxy)methane	84		70		40-140	18		30
2,4-Dichlorophenol	89		75		30-130	17		30
1,2,4-Trichlorobenzene	58		54		30-130	7		30
Naphthalene	69		62		40-140	11		30
4-Chloroaniline	88		69		40-140	24		30
Hexachlorobutadiene	48		46		40-140	4		30
Caprolactam	29		22		10-130	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 61-64 Batch: WG806179-2 WG806179-3								
p-Chloro-m-cresol	92		77		23-97	18		30
2-Methylnaphthalene	67		59		40-140	13		30
Hexachlorocyclopentadiene	58		52		40-140	11		30
1,2,4,5-Tetrachlorobenzene	62		53		2-134	16		30
2,4,6-Trichlorophenol	87		73		30-130	18		30
2,4,5-Trichlorophenol	92		77		30-130	18		30
Biphenyl	71		61		40-140	15		30
2-Chloronaphthalene	68		60		40-140	13		30
2-Nitroaniline	93		76		52-143	20		30
Dimethyl phthalate	96		79		40-140	19		30
2,6-Dinitrotoluene	92		76		40-140	19		30
Acenaphthylene	78		67		45-123	15		30
3-Nitroaniline	77		63		25-145	20		30
Acenaphthene	75		64		37-111	16		30
2,4-Dinitrophenol	86		70		20-130	21		30
4-Nitrophenol	63		51		10-80	21		30
2,4-Dinitrotoluene	95		77		24-96	21		30
Dibenzofuran	80		67		40-140	18		30
2,3,4,6-Tetrachlorophenol	89		72		54-145	21		30
Diethyl phthalate	94		78		40-140	19		30
Fluorene	84		69		40-140	20		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 61-64 Batch: WG806179-2 WG806179-3								
4-Chlorophenyl phenyl ether	78		66		40-140	17		30
4-Nitroaniline	88		76		51-143	15		30
4,6-Dinitro-o-cresol	97		78		20-164	22		30
NDPA/DPA	86		70		40-140	21		30
4-Bromophenyl phenyl ether	83		67		40-140	21		30
Hexachlorobenzene	83		68		40-140	20		30
Pentachlorophenol	75		59		9-103	24		30
Atrazine	95		76		40-140	22		30
Phenanthrene	90		74		40-140	20		30
Anthracene	93		77		40-140	19		30
Carbazole	97		79		55-144	20		30
Di-n-butylphthalate	97		79		40-140	20		30
Fluoranthene	97		78		40-140	22		30
Pyrene	98		78		26-127	23		30
Butyl benzyl phthalate	100		79		40-140	23		30
3,3'-Dichlorobenzidine	88		70		40-140	23		30
Benzo(a)anthracene	90		72		40-140	22		30
Chrysene	92		75		40-140	20		30
Bis(2-Ethylhexyl)phthalate	94		76		40-140	21		30
Di-n-octylphthalate	99		80		40-140	21		30
Benzo(b)fluoranthene	87		69		40-140	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 61-64 Batch: WG806179-2 WG806179-3								
Benzo(k)fluoranthene	89		72		40-140	21		30
Benzo(a)pyrene	84		68		40-140	21		30
Indeno(1,2,3-cd)Pyrene	89		71		40-140	23		30
Dibenzo(a,h)anthracene	90		72		40-140	22		30
Benzo(ghi)perylene	90		72		40-140	22		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		48		21-120
Phenol-d6	40		33		10-120
Nitrobenzene-d5	84		69		23-120
2-Fluorobiphenyl	88		73		15-120
2,4,6-Tribromophenol	87		70		10-120
4-Terphenyl-d14	94		75		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 61-64 Batch: WG806182-2 WG806182-3								
Bis(2-chloroethyl)ether	79		80		40-140	1		40
n-Nitrosodi-n-propylamine	87		89		40-140	2		40
Hexachloroethane	65		66		40-140	2		40
Hexachlorobenzene	78		81		40-140	4		40
Pentachlorophenol	72		74		9-103	3		40
Benzo(a)anthracene	96		99		40-140	3		40
Bis(2-ethylhexyl)phthalate	100		103		40-140	3		40
Benzo(b)fluoranthene	94		98		40-140	4		40
Benzo(k)fluoranthene	85		88		40-140	3		40
Benzo(a)pyrene	75		78		40-140	4		40
Indeno(1,2,3-cd)pyrene	97		100		40-140	3		40
Dibenzo(a,h)anthracene	94		98		40-140	4		40
Benzo(ghi)perylene	93		96		40-140	3		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		53		21-120
Phenol-d6	37		39		10-120
Nitrobenzene-d5	77		78		23-120
2-Fluorobiphenyl	77		80		15-120
2,4,6-Tribromophenol	95		96		10-120
4-Terphenyl-d14	79		81		41-149

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-01
 Client ID: DP-136-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 13:27
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/23/15 07:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.6	J	mg/kg	2.8	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-01 D
 Client ID: DP-136-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 17:16
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/23/15 07:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1930		mg/kg	742	82.8	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-02
 Client ID: DP-136-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 15:30
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/23/15 07:50
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	8.0		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	74		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-02
 Client ID: DP-136-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 20:55
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/23/15 07:50
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	84.9		mg/kg	37.4	4.17	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-03
 Client ID: DP-136-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 16:11
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/23/15 07:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-03
 Client ID: DP-136-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:47
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/23/15 07:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	38.7		mg/kg	38.7	4.32	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-04
Client ID: DP-136-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 21:32
Analyst: AR
Percent Solids: 83%

Date Collected: 07/23/15 07:58
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	24.0	J	mg/kg	38.2	4.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-04
 Client ID: DP-136-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 16:54
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 07:58
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	2.6	J	mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-05
 Client ID: DP-136-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 17:33
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 08:00
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-05
 Client ID: DP-136-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:09
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 08:00
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14.8	J	mg/kg	38.5	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-06
 Client ID: DP-137-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 18:14
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/23/15 08:12
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.049	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-06 D
Client ID: DP-137-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 17:52
Analyst: AR
Percent Solids: 91%

Date Collected: 07/23/15 08:12
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	2420		mg/kg	703	78.5	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-07
 Client ID: DP-137-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 18:55
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 08:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-07
 Client ID: DP-137-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:23
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 08:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	48.9		mg/kg	37.7	4.21	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-08
 Client ID: DP-137-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 19:36
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/23/15 08:17
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-08
 Client ID: DP-137-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 04:34
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/23/15 08:17
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.85	J	mg/kg	41.3	4.61	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-09
 Client ID: DP-137-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 05:09
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/23/15 08:20
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	39.5	4.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-09
 Client ID: DP-137-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 17:35
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/23/15 08:20
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	1.8	0.035	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-10
Client ID: DP-137-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 20:58
Analyst: BS
Percent Solids: 85%

Date Collected: 07/23/15 08:22
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.6	0.050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-10
 Client ID: DP-137-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:39
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/23/15 08:22
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.36	J	mg/kg	37.5	4.19	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-11
 Client ID: DP-138-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 21:39
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/23/15 08:35
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-11 D
 Client ID: DP-138-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 18:29
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/23/15 08:35
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	767.		mg/kg	362	40.4	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-12
 Client ID: DP-138-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:20
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 08:37
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-12
 Client ID: DP-138-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:58
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 08:37
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	15.5	J	mg/kg	39.1	4.36	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-13
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 08:13
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2.5	J	mg/kg	2.6	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-13 D
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 01:36
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7500		mg/kg	1930	215.	50
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-14
 Client ID: DP-138-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 23:14
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/23/15 08:42
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.47	J	mg/kg	38.4	4.29	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-14
Client ID: DP-138-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 04:18
Analyst: BS
Percent Solids: 85%

Date Collected: 07/23/15 08:42
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-15
 Client ID: DP-138-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 23:50
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 08:45
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-15
Client ID: DP-138-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 04:57
Analyst: BS
Percent Solids: 84%

Date Collected: 07/23/15 08:45
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-16
 Client ID: DP-139-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 05:36
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/23/15 08:57
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-16 D
Client ID: DP-139-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 19:05
Analyst: AR
Percent Solids: 91%

Date Collected: 07/23/15 08:57
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	759.		mg/kg	352	39.3	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-17
 Client ID: DP-139-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 06:15
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/23/15 09:00
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-17 D

Date Collected: 07/23/15 09:00

Client ID: DP-139-SO-050-01

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/24/15 15:54

Analytical Date: 07/26/15 19:42

Analyst: AR

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	609.		mg/kg	378	42.2	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-18
 Client ID: DP-139-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 06:55
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 09:04
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-18
 Client ID: DP-139-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 10:16
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 09:04
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	177.		mg/kg	38.2	4.26	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-19
 Client ID: DP-139-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 01:44
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/23/15 09:05
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-19
 Client ID: DP-139-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 10:48
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/23/15 09:05
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	216.		mg/kg	40.1	4.48	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-20
 Client ID: DP-139-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:46
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 09:08
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	108		70-130
4-Bromofluorobenzene	112		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-20
 Client ID: DP-139-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 05:45
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 09:08
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 15:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.5	4.41	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-21
 Client ID: DP-139-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 04:27
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 09:10
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-21
 Client ID: DP-139-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:51
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 09:10
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.4	4.40	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-22
 Client ID: DP-140-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 05:08
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/23/15 09:45
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-22 D
Client ID: DP-140-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 01:57
Analyst: AR
Percent Solids: 90%

Date Collected: 07/23/15 09:45
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1550		mg/kg	356	39.8	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-23
 Client ID: DP-140-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 05:49
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 09:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	16.		mg/kg	3.0	0.057	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	122		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-23
 Client ID: DP-140-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 04:28
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 09:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	273.		mg/kg	38.3	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-24
 Client ID: DP-140-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 06:29
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/23/15 09:56
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-24
 Client ID: DP-140-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:59
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/23/15 09:56
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14.2	J	mg/kg	41.8	4.66	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-25
 Client ID: DP-140-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 07:10
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 09:58
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-25
 Client ID: DP-140-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 16:58
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 09:58
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.43	J	mg/kg	38.1	4.25	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-26
 Client ID: DP-140-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 07:51
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 10:02
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-26
 Client ID: DP-140-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 05:00
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 10:02
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.38	J	mg/kg	37.7	4.21	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-27
 Client ID: DP-141-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 08:32
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/23/15 10:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-27 D
Client ID: DP-141-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 00:46
Analyst: AR
Percent Solids: 88%

Date Collected: 07/23/15 10:15
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	278.		mg/kg	72.6	8.10	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-28
 Client ID: DP-141-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 09:13
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/23/15 10:20
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-28
 Client ID: DP-141-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:51
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/23/15 10:20
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	140.		mg/kg	38.4	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-29
 Client ID: DP-141-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 09:54
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/23/15 10:22
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-29 D
 Client ID: DP-141-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 23:34
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 10:22
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	336.		mg/kg	80.0	8.93	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-30
 Client ID: DP-141-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 10:35
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/23/15 10:28
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.059	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-30
Client ID: DP-141-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 17:35
Analyst: AR
Percent Solids: 78%

Date Collected: 07/23/15 10:28
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.72	J	mg/kg	40.6	4.53	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-31
Client ID: DP-141-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 14:41
Analyst: BS
Percent Solids: 82%

Date Collected: 07/23/15 10:33
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-31
 Client ID: DP-141-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:33
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/23/15 10:33
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	37.6	J	mg/kg	40.0	4.46	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-32
Client ID: DP-142-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 16:42
Analyst: BS
Percent Solids: 94%

Date Collected: 07/23/15 12:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.049	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	83		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-32 D
Client ID: DP-142-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 22:59
Analyst: AR
Percent Solids: 94%

Date Collected: 07/23/15 12:00
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	417.		mg/kg	71.1	7.94	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-33
Client ID: DP-142-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 17:22
Analyst: BS
Percent Solids: 83%

Date Collected: 07/23/15 12:05
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-33
 Client ID: DP-142-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:23
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/23/15 12:05
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.3	J	mg/kg	38.3	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-34
Client ID: DP-142-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 18:02
Analyst: BS
Percent Solids: 88%

Date Collected: 07/23/15 12:08
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-34
 Client ID: DP-142-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 21:11
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/23/15 12:08
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	69.9		mg/kg	36.6	4.09	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-35
 Client ID: DP-142-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 18:43
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 12:12
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-35
 Client ID: DP-142-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:47
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 12:12
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.57	J	mg/kg	37.2	4.16	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-36
Client ID: DP-142-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 19:23
Analyst: BS
Percent Solids: 84%

Date Collected: 07/23/15 12:30
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-36
 Client ID: DP-142-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:11
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/23/15 12:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6.92	J	mg/kg	38.2	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-37
 Client ID: DP-143-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 20:04
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/23/15 12:50
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-37 D

Date Collected: 07/23/15 12:50

Client ID: DP-143-SO-010-01

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/24/15 09:25

Analytical Date: 07/27/15 22:23

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	112.		mg/kg	72.7	8.11	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-38
 Client ID: DP-143-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 20:44
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/23/15 12:53
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	1.6	J	mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-38 D
Client ID: DP-143-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 21:47
Analyst: AR
Percent Solids: 87%

Date Collected: 07/23/15 12:53
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	260.		mg/kg	72.7	8.12	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-39
Client ID: DP-143-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 21:24
Analyst: BS
Percent Solids: 85%

Date Collected: 07/23/15 12:55
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-39
 Client ID: DP-143-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:35
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/23/15 12:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	50.1		mg/kg	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-40
 Client ID: DP-143-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:05
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/23/15 12:58
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-40
 Client ID: DP-143-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 05:32
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/23/15 12:58
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.9	4.45	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-41
 Client ID: DP-143-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 17:16
 Analyst: SR
 Percent Solids: 85%

Date Collected: 07/23/15 13:08
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.10	J	mg/kg	38.3	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	110		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-41
 Client ID: DP-143-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:45
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 13:08
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-42
 Client ID: DP-144-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 23:25
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 13:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-42
 Client ID: DP-144-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 03:55
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/23/15 13:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	260.		mg/kg	38.0	4.24	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-43
 Client ID: DP-144-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:46
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/23/15 13:20
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-43 D

Date Collected: 07/23/15 13:20

Client ID: DP-144-SO-050-01

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/24/15 09:25

Analytical Date: 07/26/15 18:29

Analyst: SR

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	469.		mg/kg	180	20.1	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-44
 Client ID: DP-144-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 21:32
 Analyst: SR
 Percent Solids: 80%

Date Collected: 07/23/15 13:23
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	16.3	J	mg/kg	39.4	4.40	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-44
Client ID: DP-144-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 04:47
Analyst: BS
Percent Solids: 80%

Date Collected: 07/23/15 13:23
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-45
 Client ID: DP-144-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:09
 Analyst: SR
 Percent Solids: 83%

Date Collected: 07/23/15 13:25
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	10.2	J	mg/kg	39.9	4.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-45
Client ID: DP-144-SO-200-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 05:27
Analyst: BS
Percent Solids: 83%

Date Collected: 07/23/15 13:25
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-46
 Client ID: DP-144-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 22:39
 Analyst: SR
 Percent Solids: 85%

Date Collected: 07/23/15 13:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.37	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-46
 Client ID: DP-144-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 06:08
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 13:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-47
 Client ID: DP-145-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 06:48
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/23/15 13:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.4	J	mg/kg	2.6	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-47
 Client ID: DP-145-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 03:23
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/23/15 13:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	236.		mg/kg	37.0	4.13	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-48
 Client ID: DP-145-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 07:28
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 13:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-48 D

Date Collected: 07/23/15 13:48

Client ID: DP-145-SO-050-01

Date Received: 07/23/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/24/15 09:26

Analytical Date: 07/26/15 19:42

Analyst: SR

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	432.		mg/kg	188	20.9	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-49
 Client ID: DP-145-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 23:50
 Analyst: SR
 Percent Solids: 80%

Date Collected: 07/23/15 13:50
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	4.46	J	mg/kg	39.7	4.43	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	110		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-49
 Client ID: DP-145-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 08:09
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/23/15 13:50
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-50
 Client ID: DP-145-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 00:25
 Analyst: SR
 Percent Solids: 79%

Date Collected: 07/23/15 13:52
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.5	4.52	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	108		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-50
Client ID: DP-145-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 08:49
Analyst: BS
Percent Solids: 79%

Date Collected: 07/23/15 13:52
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.1	0.060	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-51
 Client ID: DP-145-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 01:01
 Analyst: SR
 Percent Solids: 84%

Date Collected: 07/23/15 13:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.6	4.42	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	106		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-51
 Client ID: DP-145-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 09:29
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 13:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-52
 Client ID: DP-145-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 01:36
 Analyst: SR
 Percent Solids: 85%

Date Collected: 07/23/15 13:59
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.36	J	mg/kg	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-52
 Client ID: DP-145-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 10:10
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 13:59
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-53
 Client ID: DP-146-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 10:50
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/23/15 14:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.1	J	mg/kg	2.4	0.047	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-53 D
Client ID: DP-146-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 20:19
Analyst: SR
Percent Solids: 86%

Date Collected: 07/23/15 14:15
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	594.		mg/kg	185	20.6	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-54
Client ID: DP-146-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 02:12
Analyst: SR
Percent Solids: 90%

Date Collected: 07/23/15 14:18
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	25.1	J	mg/kg	36.8	4.11	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	107		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-54
 Client ID: DP-146-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 11:31
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/23/15 14:18
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-55
 Client ID: DP-146-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:47
 Analyst: SR
 Percent Solids: 81%

Date Collected: 07/23/15 14:21
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	14.0	J	mg/kg	40.3	4.50	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517186**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517186-55
Client ID: DP-146-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 18:15
Analyst: BS
Percent Solids: 81%

Date Collected: 07/23/15 14:21
Date Received: 07/23/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-56
 Client ID: DP-146-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:23
 Analyst: SR
 Percent Solids: 84%

Date Collected: 07/23/15 14:24
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.69	J	mg/kg	37.5	4.19	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	103		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-56
 Client ID: DP-146-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:56
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/23/15 14:24
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.1	J	mg/kg	2.7	0.051	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-57
 Client ID: DP-146-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 03:58
 Analyst: SR
 Percent Solids: 85%

Date Collected: 07/23/15 14:28
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	5.62	J	mg/kg	38.3	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-57
 Client ID: DP-146-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:36
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/23/15 14:28
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	1.9	J	mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-58
 Client ID: EB01-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 19:58
 Analyst: AR

Date Collected: 07/23/15 14:44
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	199	J	ug/l	500	21.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-58
 Client ID: EB01-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:57
 Analyst: BS

Date Collected: 07/23/15 14:44
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	84		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
 Client ID: GTW-605-7-1-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 20:34
 Analyst: AR

Date Collected: 07/23/15 09:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	524		ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
 Client ID: GTW-605-7-1-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 21:37
 Analyst: BS

Date Collected: 07/23/15 09:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
 Client ID: GTW-607-13-1-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/24/15 21:10
 Analyst: AR

Date Collected: 07/23/15 12:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	700		ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
 Client ID: GTW-607-13-1-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 22:18
 Analyst: BS

Date Collected: 07/23/15 12:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	150		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63
 Client ID: GTW-605-7-2-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 22:58
 Analyst: BS

Date Collected: 07/23/15 14:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	42	J	ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63 D
 Client ID: GTW-605-7-2-2
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:11
 Analyst: AR

Date Collected: 07/23/15 14:55
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	37200		ug/l	5000	210.	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64 D
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:47
 Analyst: AR

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	33600		ug/l	5000	210.	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	56		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64 D
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 23:38
 Analyst: BS

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		ug/l	500	30.	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/24/15 18:10
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/24/15 08:47

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 58,61-64 Batch: WG805640-1					
Total Petroleum Hydrocarbons (C9-C44)	267	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 03:55
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/24/15 09:24

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 21-40 Batch: WG805661-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.4	3.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 15:29
 Analyst: SR

Extraction Method: EPA 3546
 Extraction Date: 07/24/15 09:25

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 41-57 Batch: WG805663-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.6	3.64

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 15:29
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/24/15 15:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-20 Batch: WG805814-1					
Total Petroleum Hydrocarbons (C9-C44)	7.53	J	mg/kg	32.4	3.62

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:12
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 58,61-64 Batch: WG806187-11					
Gasoline Range Organics	30	J	ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	87		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 23:04
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 13-18 Batch: WG806224-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/26/15 12:47
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-03,05-08,10-12 Batch: WG806275-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 01:03
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 19-30 Batch: WG806276-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	108		70-130
4-Bromofluorobenzene	112		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/26/15 14:00
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 31-42 Batch: WG806286-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 02:06
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 43-54 Batch: WG806287-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	83		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:12
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 04,09,55-57 Batch: WG806657-3					
Gasoline Range Organics	1.5	J	mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	87		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 58,61-64 Batch: WG805640-2								
Total Petroleum Hydrocarbons (C9-C44)	100		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	83				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 Batch: WG805661-2								
Total Petroleum Hydrocarbons (C9-C44)	105		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	86				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-57 Batch: WG805663-2								
Total Petroleum Hydrocarbons (C9-C44)	126		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	104				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-20 Batch: WG805814-2								
Total Petroleum Hydrocarbons (C9-C44)	82		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	86				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,61-64 Batch: WG806187-9 WG806187-10								
Gasoline Range Organics	85		91		80-120	14		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	101		99		70-130
4-Bromofluorobenzene	92		94		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-18 Batch: WG806224-1 WG806224-2								
Gasoline Range Organics	91		91		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		100		70-130
4-Bromofluorobenzene	107		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-03,05-08,10-12 Batch: WG806275-1 WG806275-2								
Gasoline Range Organics	98		102		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		105		70-130
4-Bromofluorobenzene	102		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 19-30 Batch: WG806276-1 WG806276-2								
Gasoline Range Organics	108		116		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	112		119		70-130
4-Bromofluorobenzene	115		122		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 31-42 Batch: WG806286-1 WG806286-2								
Gasoline Range Organics	83		93		80-120	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	99		102		70-130
4-Bromofluorobenzene	95		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 43-54 Batch: WG806287-1 WG806287-2								
Gasoline Range Organics	88		92		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	93		98		70-130
4-Bromofluorobenzene	91		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04,09,55-57 Batch: WG806657-1 WG806657-2								
Gasoline Range Organics	85		91		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	101		99		70-130
4-Bromofluorobenzene	92		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,61-64 QC Batch ID: WG806187-5 QC Sample: L1515003-74 Client ID: MS Sample												
Gasoline Range Organics	ND	400	380	94		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	95				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG806224-5 QC Sample: L1516903-48 Client ID: MS Sample												
Gasoline Range Organics	1.4J	23.3	19	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	100				70-130
4-Bromofluorobenzene	98				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-03,05-08,10-12 QC Batch ID: WG806275-5 QC Sample: L1517186-01 Client ID: DP-136-SO-010-01												
Gasoline Range Organics	2.6J	22.1	26	117		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>	
1,1,1-Trifluorotoluene	93				70-130
4-Bromofluorobenzene	97				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 19-30 QC Batch ID: WG806276-5 QC Sample: L1517186-19 Client ID: DP-139-SO-100-02												
Gasoline Range Organics	ND	22.6	26	113		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	108				70-130
4-Bromofluorobenzene	112				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 31-42 QC Batch ID: WG806286-5 QC Sample: L1517186-31 Client ID: DP-141-SO-300-01												
Gasoline Range Organics	ND	22.2	24	109		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	86				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 43-54 QC Batch ID: WG806287-5 QC Sample: L1517186-43 Client ID: DP-144-SO-050-01												
Gasoline Range Organics	ND	21.9	18	83		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	90				70-130
4-Bromofluorobenzene	76				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 04,09,55-57 QC Batch ID: WG806657-5 QC Sample: L1516980-37 Client ID: MS Sample												
Gasoline Range Organics	1.5J	19.4	17	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	95				70-130
4-Bromofluorobenzene	77				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 58,61-64 QC Batch ID: WG805640-3 QC Sample: L1517186-58 Client ID: EB01-072315						

Total Petroleum Hydrocarbons (C9-C44)	199.J	272J	ug/l	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		89		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805661-3 QC Sample: L1517186-21 Client ID: DP-139-SO-300-01						
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Total Petroleum Hydrocarbons (C9-C44)	ND	ND	mg/kg	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		83		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805663-3 QC Sample: L1517186-41 Client ID: DP-143-SO-300-01					

Total Petroleum Hydrocarbons (C9-C44)	7.10J	6.49J	mg/kg	NC	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	110		102		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805814-3 QC Sample: L1517186-01 Client ID: DP-136-SO-010-01					
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Total Petroleum Hydrocarbons (C9-C44)	1930	1140	mg/kg	51	Q 40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		74		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 58,61-64 QC Batch ID: WG806187-4 QC Sample: L1515003-74 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		99		70-130
4-Bromofluorobenzene	91		95		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-18 QC Batch ID: WG806224-4 QC Sample: L1516903-48 Client ID: DUP Sample					
Gasoline Range Organics	1.4J	1.3J	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96	96	70-130
4-Bromofluorobenzene	101	100	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-03,05-08,10-12 QC Batch ID: WG806275-4 QC Sample: L1517186-01 Client ID: DP-136-SO-010-01					
Gasoline Range Organics	2.6J	2.5J	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		90		70-130
4-Bromofluorobenzene	95		90		70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 19-30 QC Batch ID: WG806276-4 QC Sample: L1517186-19 Client ID: DP-139-SO-100-02					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		106		70-130
4-Bromofluorobenzene	100		113		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 31-42 QC Batch ID: WG806286-4 QC Sample: L1517186-31 Client ID: DP-141-SO-300-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		90		70-130
4-Bromofluorobenzene	76		82		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 43-54 QC Batch ID: WG806287-4 QC Sample: L1517186-43 Client ID: DP-144-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90	96	70-130
4-Bromofluorobenzene	77	80	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04,09,55-57 QC Batch ID: WG806657-4 QC Sample: L1516980-37 Client ID: DUP Sample					
Gasoline Range Organics	1.5J	1.8J	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97	99	70-130
4-Bromofluorobenzene	80	82	70-130

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-06
 Client ID: DP-137-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/23/15 08:12
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5300		mg/kg	8.7	1.7	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Arsenic, Total	5.8		mg/kg	0.87	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Barium, Total	13		mg/kg	0.87	0.26	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.44	0.09	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Calcium, Total	36000		mg/kg	8.7	2.6	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.87	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Cobalt, Total	4.2		mg/kg	1.7	0.44	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.87	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Iron, Total	10000		mg/kg	4.4	1.7	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Lead, Total	6.2		mg/kg	4.4	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Magnesium, Total	20000		mg/kg	8.7	0.87	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Manganese, Total	150		mg/kg	0.87	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/25/15 08:41	07/27/15 22:02	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.2	0.35	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Potassium, Total	360		mg/kg	220	35.	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Selenium, Total	0.41	J	mg/kg	1.7	0.26	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.87	0.17	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Sodium, Total	310		mg/kg	170	26.	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Vanadium, Total	38		mg/kg	0.87	0.09	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH
Zinc, Total	26		mg/kg	4.4	0.61	2	07/24/15 11:29	07/27/15 16:08	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-07
 Client ID: DP-137-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 08:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9400		mg/kg	9.1	1.8	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Antimony, Total	0.86	J	mg/kg	4.6	0.73	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Arsenic, Total	7.1		mg/kg	0.91	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Barium, Total	150		mg/kg	0.91	0.27	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Beryllium, Total	0.55		mg/kg	0.46	0.09	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Calcium, Total	4000		mg/kg	9.1	2.7	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.91	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Cobalt, Total	7.6		mg/kg	1.8	0.46	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Copper, Total	30		mg/kg	0.91	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Iron, Total	19000		mg/kg	4.6	1.8	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Lead, Total	200		mg/kg	4.6	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Magnesium, Total	1600		mg/kg	9.1	0.91	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Manganese, Total	370		mg/kg	0.91	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Mercury, Total	1.6		mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 22:04	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.36	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Potassium, Total	800		mg/kg	230	36.	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Selenium, Total	0.38	J	mg/kg	1.8	0.27	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Sodium, Total	96	J	mg/kg	180	27.	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.91	0.09	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH
Zinc, Total	120		mg/kg	4.6	0.64	2	07/24/15 11:29	07/27/15 16:12	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-08
 Client ID: DP-137-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/23/15 08:17
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	9.5	1.9	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Arsenic, Total	5.6		mg/kg	0.95	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Barium, Total	350		mg/kg	0.95	0.28	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Beryllium, Total	0.68		mg/kg	0.47	0.10	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Calcium, Total	2200		mg/kg	9.5	2.8	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.95	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Cobalt, Total	6.5		mg/kg	1.9	0.47	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.95	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Iron, Total	23000		mg/kg	4.7	1.9	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Lead, Total	18		mg/kg	4.7	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Magnesium, Total	1600		mg/kg	9.5	0.95	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Manganese, Total	260		mg/kg	0.95	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 22:06	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.4	0.38	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Potassium, Total	710		mg/kg	240	38.	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Selenium, Total	0.38	J	mg/kg	1.9	0.28	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.95	0.19	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Sodium, Total	86	J	mg/kg	190	28.	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Vanadium, Total	29		mg/kg	0.95	0.10	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH
Zinc, Total	560		mg/kg	4.7	0.66	2	07/24/15 11:29	07/27/15 16:16	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-09
 Client ID: DP-137-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/23/15 08:20
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.6	1.9	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Arsenic, Total	5.3		mg/kg	0.96	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Barium, Total	68		mg/kg	0.96	0.29	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Beryllium, Total	0.69		mg/kg	0.48	0.10	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Calcium, Total	870		mg/kg	9.6	2.9	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.96	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Cobalt, Total	7.0		mg/kg	1.9	0.48	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.96	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Iron, Total	21000		mg/kg	4.8	1.9	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Lead, Total	3.0	J	mg/kg	4.8	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Magnesium, Total	2200		mg/kg	9.6	0.96	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Manganese, Total	240		mg/kg	0.96	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:11	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Potassium, Total	560		mg/kg	240	38.	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Selenium, Total	0.35	J	mg/kg	1.9	0.29	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.96	0.19	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Sodium, Total	82	J	mg/kg	190	29.	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.96	0.10	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH
Zinc, Total	45		mg/kg	4.8	0.67	2	07/24/15 11:29	07/27/15 16:20	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-10
 Client ID: DP-137-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/23/15 08:22
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.2	1.8	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Arsenic, Total	2.2		mg/kg	0.92	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Barium, Total	77		mg/kg	0.92	0.28	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Calcium, Total	470		mg/kg	9.2	2.8	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.92	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	1.8	0.46	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.92	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.6	1.8	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Lead, Total	5.5		mg/kg	4.6	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Magnesium, Total	2800		mg/kg	9.2	0.92	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Manganese, Total	160		mg/kg	0.92	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Mercury, Total	0.07	J	mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:22	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.37	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Potassium, Total	540		mg/kg	230	37.	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Sodium, Total	74	J	mg/kg	180	28.	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.92	0.09	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH
Zinc, Total	50		mg/kg	4.6	0.64	2	07/24/15 11:29	07/27/15 16:24	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-11
 Client ID: DP-138-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/23/15 08:35
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7100		mg/kg	8.4	1.7	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Antimony, Total	1.4	J	mg/kg	4.2	0.67	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Arsenic, Total	3.8		mg/kg	0.84	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Barium, Total	42		mg/kg	0.84	0.25	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Beryllium, Total	0.36	J	mg/kg	0.42	0.08	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.84	0.06	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Calcium, Total	8000		mg/kg	8.4	2.5	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.84	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Cobalt, Total	7.2		mg/kg	1.7	0.42	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.84	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Iron, Total	17000		mg/kg	4.2	1.7	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Lead, Total	40		mg/kg	4.2	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Magnesium, Total	1200		mg/kg	8.4	0.84	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Manganese, Total	200		mg/kg	0.84	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Mercury, Total	0.51		mg/kg	0.07	0.02	1	07/25/15 12:39	07/27/15 22:24	EPA 7471B	1,7471B	EA
Nickel, Total	9.1		mg/kg	2.1	0.34	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Potassium, Total	590		mg/kg	210	34.	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.84	0.17	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Sodium, Total	58	J	mg/kg	170	25.	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.84	0.08	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH
Zinc, Total	39		mg/kg	4.2	0.59	2	07/24/15 11:29	07/27/15 16:28	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-12
 Client ID: DP-138-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 08:37
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6800		mg/kg	9.4	1.9	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Arsenic, Total	8.9		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Barium, Total	63		mg/kg	0.94	0.28	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.47	0.09	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Cadmium, Total	0.08	J	mg/kg	0.94	0.07	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	9.4	2.8	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Cobalt, Total	9.1		mg/kg	1.9	0.47	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.7	1.9	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Lead, Total	9.2		mg/kg	4.7	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Magnesium, Total	1400		mg/kg	9.4	0.94	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Mercury, Total	0.12		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:26	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Potassium, Total	590		mg/kg	240	38.	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Sodium, Total	64	J	mg/kg	190	28.	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.94	0.09	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT
Zinc, Total	42		mg/kg	4.7	0.66	2	07/24/15 12:36	07/24/15 18:24	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-13
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3400		mg/kg	9.1	1.8	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Antimony, Total	2.7	J	mg/kg	4.5	0.73	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Arsenic, Total	7.0		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Barium, Total	45		mg/kg	0.91	0.27	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Beryllium, Total	0.24	J	mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Cadmium, Total	0.08	J	mg/kg	0.91	0.06	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Calcium, Total	28000		mg/kg	9.1	2.7	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Chromium, Total	11		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Cobalt, Total	4.6		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Iron, Total	9400		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Lead, Total	55		mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.1	0.91	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Mercury, Total	0.52		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:27	EPA 7471B	1,7471B	EA
Nickel, Total	6.5		mg/kg	2.3	0.36	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Potassium, Total	360		mg/kg	230	36.	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	27.	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.91	0.09	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.5	0.64	2	07/24/15 12:36	07/24/15 18:39	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-14
 Client ID: DP-138-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/23/15 08:42
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	9.2	1.8	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Arsenic, Total	7.4		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Barium, Total	40		mg/kg	0.92	0.28	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.46	0.09	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Calcium, Total	220		mg/kg	9.2	2.8	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Cobalt, Total	5.1		mg/kg	1.8	0.46	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.6	1.8	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Lead, Total	1.9	J	mg/kg	4.6	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Magnesium, Total	2100		mg/kg	9.2	0.92	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Manganese, Total	61		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:29	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.3	0.37	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Potassium, Total	310		mg/kg	230	37.	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Sodium, Total	380		mg/kg	180	28.	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Vanadium, Total	19		mg/kg	0.92	0.09	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT
Zinc, Total	36		mg/kg	4.6	0.65	2	07/24/15 12:36	07/24/15 19:02	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-15
 Client ID: DP-138-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 08:45
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.0	1.8	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Arsenic, Total	6.4		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Barium, Total	54		mg/kg	0.90	0.27	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Calcium, Total	340		mg/kg	9.0	2.7	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Cobalt, Total	6.2		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Lead, Total	5.4		mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Magnesium, Total	2800		mg/kg	9.0	0.90	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Manganese, Total	84		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Mercury, Total	0.11		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:31	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.2	0.36	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Potassium, Total	440		mg/kg	220	36.	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	180	27.	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Vanadium, Total	30		mg/kg	0.90	0.09	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.5	0.63	2	07/24/15 12:36	07/24/15 19:05	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-16
 Client ID: DP-139-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/23/15 08:57
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3800		mg/kg	8.7	1.7	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Arsenic, Total	2.9		mg/kg	0.87	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Barium, Total	7.4		mg/kg	0.87	0.26	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.44	0.09	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Calcium, Total	590		mg/kg	8.7	2.6	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Chromium, Total	7.2		mg/kg	0.87	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Cobalt, Total	ND		mg/kg	1.7	0.44	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Copper, Total	2.0		mg/kg	0.87	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Iron, Total	6000		mg/kg	4.4	1.7	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Lead, Total	1.9	J	mg/kg	4.4	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Magnesium, Total	120		mg/kg	8.7	0.87	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Manganese, Total	3.9		mg/kg	0.87	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Mercury, Total	1.1		mg/kg	0.07	0.02	1	07/25/15 12:39	07/27/15 22:33	EPA 7471B	1,7471B	EA
Nickel, Total	0.56	J	mg/kg	2.2	0.35	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Potassium, Total	160	J	mg/kg	220	35.	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Sodium, Total	51	J	mg/kg	170	26.	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	0.87	0.09	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT
Zinc, Total	1.3	J	mg/kg	4.4	0.61	2	07/24/15 12:36	07/24/15 19:09	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-17
 Client ID: DP-139-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/23/15 09:00
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6700		mg/kg	8.9	1.8	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Antimony, Total	1.2	J	mg/kg	4.5	0.71	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Barium, Total	62		mg/kg	0.89	0.27	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Cadmium, Total	0.38	J	mg/kg	0.89	0.06	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Calcium, Total	8600		mg/kg	8.9	2.7	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Cobalt, Total	7.6		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Copper, Total	23		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Lead, Total	140		mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	8.9	0.89	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Mercury, Total	0.47		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:34	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.2	0.36	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Potassium, Total	600		mg/kg	220	36.	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Sodium, Total	170	J	mg/kg	180	27.	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.89	0.09	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT
Zinc, Total	72		mg/kg	4.5	0.62	2	07/24/15 12:36	07/24/15 19:13	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-18
 Client ID: DP-139-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 09:04
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6700		mg/kg	9.1	1.8	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Antimony, Total	2.1	J	mg/kg	4.6	0.73	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Barium, Total	91		mg/kg	0.91	0.27	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Beryllium, Total	0.49		mg/kg	0.46	0.09	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Cadmium, Total	0.30	J	mg/kg	0.91	0.06	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Calcium, Total	10000		mg/kg	9.1	2.7	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Cobalt, Total	8.1		mg/kg	1.8	0.46	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Copper, Total	47		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.6	1.8	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Lead, Total	230		mg/kg	4.6	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Magnesium, Total	1400		mg/kg	9.1	0.91	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Mercury, Total	1.1		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:36	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.36	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Potassium, Total	600		mg/kg	230	36.	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	27.	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.91	0.09	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT
Zinc, Total	160		mg/kg	4.6	0.64	2	07/24/15 12:36	07/24/15 19:17	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-19
 Client ID: DP-139-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/23/15 09:05
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8200		mg/kg	9.2	1.8	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Antimony, Total	4.0	J	mg/kg	4.6	0.74	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Barium, Total	92		mg/kg	0.92	0.28	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Cadmium, Total	0.34	J	mg/kg	0.92	0.07	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Calcium, Total	11000		mg/kg	9.2	2.8	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Cobalt, Total	7.3		mg/kg	1.8	0.46	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Copper, Total	54		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.8	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Lead, Total	400		mg/kg	4.6	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Magnesium, Total	3600		mg/kg	9.2	0.92	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Mercury, Total	2.1		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:42	EPA 7471B	1,7471B	EA
Nickel, Total	21		mg/kg	2.3	0.37	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	230	37.	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	180	28.	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Vanadium, Total	30		mg/kg	0.92	0.09	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT
Zinc, Total	180		mg/kg	4.6	0.65	2	07/24/15 12:36	07/24/15 19:20	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-20
 Client ID: DP-139-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/23/15 09:08
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	9.5	1.9	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Arsenic, Total	15		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Barium, Total	66		mg/kg	0.95	0.28	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Beryllium, Total	0.78		mg/kg	0.48	0.10	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Calcium, Total	230		mg/kg	9.5	2.8	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Cobalt, Total	5.9		mg/kg	1.9	0.48	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Iron, Total	23000		mg/kg	4.8	1.9	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.8	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.5	0.95	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Manganese, Total	81		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:44	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.38	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Potassium, Total	330		mg/kg	240	38.	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Sodium, Total	270		mg/kg	190	28.	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.95	0.10	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT
Zinc, Total	39		mg/kg	4.8	0.66	2	07/24/15 12:36	07/24/15 19:24	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-21
 Client ID: DP-139-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/23/15 09:10
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.0	1.8	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Arsenic, Total	7.2		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Barium, Total	82		mg/kg	0.90	0.27	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Beryllium, Total	0.64		mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Calcium, Total	370		mg/kg	9.0	2.7	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Cobalt, Total	7.9		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Lead, Total	1.3	J	mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	9.0	0.90	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Manganese, Total	100		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:45	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.3	0.36	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Potassium, Total	400		mg/kg	230	36.	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Sodium, Total	330		mg/kg	180	27.	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.90	0.09	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT
Zinc, Total	54		mg/kg	4.5	0.63	2	07/24/15 12:36	07/24/15 19:28	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-22
 Client ID: DP-140-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/23/15 09:45
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3800		mg/kg	8.6	1.7	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Arsenic, Total	5.7		mg/kg	0.86	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Barium, Total	10		mg/kg	0.86	0.26	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.43	0.09	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Calcium, Total	820		mg/kg	8.6	2.6	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Chromium, Total	10		mg/kg	0.86	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Cobalt, Total	3.0		mg/kg	1.7	0.43	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Copper, Total	5.5		mg/kg	0.86	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.3	1.7	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Lead, Total	1.9	J	mg/kg	4.3	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Magnesium, Total	450		mg/kg	8.6	0.86	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Manganese, Total	47		mg/kg	0.86	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/25/15 12:39	07/27/15 22:47	EPA 7471B	1,7471B	EA
Nickel, Total	2.2		mg/kg	2.1	0.34	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Potassium, Total	160	J	mg/kg	210	34.	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Sodium, Total	110	J	mg/kg	170	26.	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.86	0.09	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT
Zinc, Total	7.0		mg/kg	4.3	0.60	2	07/24/15 12:36	07/24/15 19:47	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-23
 Client ID: DP-140-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 09:48
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7000		mg/kg	9.0	1.8	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Antimony, Total	1.0	J	mg/kg	4.5	0.72	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Arsenic, Total	47		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Barium, Total	150		mg/kg	0.90	0.27	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Beryllium, Total	1.2		mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Cadmium, Total	0.23	J	mg/kg	0.90	0.06	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Calcium, Total	3400		mg/kg	9.0	2.7	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Cobalt, Total	8.5		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Copper, Total	48		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Lead, Total	240		mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Magnesium, Total	940		mg/kg	9.0	0.90	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Manganese, Total	280		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Mercury, Total	13		mg/kg	0.78	0.16	10	07/25/15 12:39	07/27/15 23:05	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.2	0.36	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Potassium, Total	580		mg/kg	220	36.	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Selenium, Total	2.5		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Sodium, Total	210		mg/kg	180	27.	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Vanadium, Total	27		mg/kg	0.90	0.09	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT
Zinc, Total	110		mg/kg	4.5	0.63	2	07/24/15 12:36	07/24/15 19:50	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-24
 Client ID: DP-140-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/23/15 09:56
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3600		mg/kg	10	2.0	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Antimony, Total	10		mg/kg	5.0	0.80	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Arsenic, Total	33		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Barium, Total	310		mg/kg	1.0	0.30	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Beryllium, Total	0.53		mg/kg	0.50	0.10	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Cadmium, Total	7.6		mg/kg	1.0	0.07	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Calcium, Total	4100		mg/kg	10	3.0	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Cobalt, Total	4.7		mg/kg	2.0	0.50	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Copper, Total	75		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Iron, Total	33000		mg/kg	5.0	2.0	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Lead, Total	1100		mg/kg	5.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Magnesium, Total	580		mg/kg	10	1.0	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Mercury, Total	0.46		mg/kg	0.09	0.02	1	07/25/15 12:39	07/27/15 22:51	EPA 7471B	1,7471B	EA
Nickel, Total	9.5		mg/kg	2.5	0.40	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Potassium, Total	280		mg/kg	250	40.	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Selenium, Total	0.49	J	mg/kg	2.0	0.30	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Sodium, Total	190	J	mg/kg	200	30.	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Vanadium, Total	16		mg/kg	1.0	0.10	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT
Zinc, Total	1900		mg/kg	5.0	0.70	2	07/24/15 12:36	07/24/15 19:54	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-25
 Client ID: DP-140-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/23/15 09:58
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.5	1.9	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Barium, Total	100		mg/kg	0.95	0.28	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Beryllium, Total	0.87		mg/kg	0.47	0.10	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Calcium, Total	420		mg/kg	9.5	2.8	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Cobalt, Total	13		mg/kg	1.9	0.47	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.7	1.9	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.7	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	9.5	0.95	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Manganese, Total	330		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:53	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.4	0.38	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	240	38.	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.95	0.19	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Sodium, Total	100	J	mg/kg	190	28.	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Vanadium, Total	27		mg/kg	0.95	0.10	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT
Zinc, Total	54		mg/kg	4.7	0.66	2	07/24/15 12:36	07/24/15 19:58	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-26
 Client ID: DP-140-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/23/15 10:02
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8200		mg/kg	9.1	1.8	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Arsenic, Total	8.6		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Barium, Total	64		mg/kg	0.91	0.27	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Beryllium, Total	0.66		mg/kg	0.46	0.09	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Calcium, Total	380		mg/kg	9.1	2.7	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Cobalt, Total	4.8		mg/kg	1.8	0.46	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.6	1.8	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.6	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Magnesium, Total	1900		mg/kg	9.1	0.91	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Manganese, Total	98		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:54	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.3	0.36	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Potassium, Total	400		mg/kg	230	36.	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Sodium, Total	160	J	mg/kg	180	27.	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.91	0.09	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT
Zinc, Total	36		mg/kg	4.6	0.64	2	07/24/15 12:36	07/24/15 20:01	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-27
 Client ID: DP-141-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/23/15 10:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	8.5	1.7	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Arsenic, Total	8.6		mg/kg	0.85	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Barium, Total	100		mg/kg	0.85	0.26	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Beryllium, Total	0.59		mg/kg	0.43	0.09	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Cadmium, Total	0.28	J	mg/kg	0.85	0.06	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Calcium, Total	5000		mg/kg	8.5	2.6	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.85	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Cobalt, Total	7.9		mg/kg	1.7	0.43	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Copper, Total	28		mg/kg	0.85	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.3	1.7	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Lead, Total	84		mg/kg	4.3	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Magnesium, Total	1300		mg/kg	8.5	0.85	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Manganese, Total	130		mg/kg	0.85	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Mercury, Total	1.5		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:56	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.1	0.34	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Potassium, Total	550		mg/kg	210	34.	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	170	26.	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.85	0.09	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT
Zinc, Total	100		mg/kg	4.3	0.60	2	07/24/15 12:36	07/24/15 20:05	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-28
 Client ID: DP-141-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/23/15 10:20
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9300		mg/kg	8.9	1.8	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.71	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Barium, Total	90		mg/kg	0.89	0.27	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Beryllium, Total	0.70		mg/kg	0.45	0.09	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Cadmium, Total	0.16	J	mg/kg	0.89	0.06	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Calcium, Total	2500		mg/kg	8.9	2.7	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Cobalt, Total	6.4		mg/kg	1.8	0.45	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.5	1.8	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Lead, Total	38		mg/kg	4.5	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Magnesium, Total	1400		mg/kg	8.9	0.89	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Manganese, Total	190		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Mercury, Total	1.6		mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:58	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.2	0.36	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Potassium, Total	550		mg/kg	220	36.	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Sodium, Total	60	J	mg/kg	180	27.	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.89	0.09	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT
Zinc, Total	69		mg/kg	4.5	0.62	2	07/24/15 12:36	07/24/15 20:09	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-29
 Client ID: DP-141-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/23/15 10:22
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3400		mg/kg	9.4	1.9	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Antimony, Total	0.79	J	mg/kg	4.7	0.75	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Arsenic, Total	6.4		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Barium, Total	120		mg/kg	0.94	0.28	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Beryllium, Total	0.27	J	mg/kg	0.47	0.09	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Cadmium, Total	0.24	J	mg/kg	0.94	0.07	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Calcium, Total	6700		mg/kg	9.4	2.8	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Chromium, Total	7.9		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Cobalt, Total	3.6		mg/kg	1.9	0.47	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Copper, Total	18		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Iron, Total	8500		mg/kg	4.7	1.9	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Lead, Total	360		mg/kg	4.7	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Magnesium, Total	510		mg/kg	9.4	0.94	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Manganese, Total	160		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Mercury, Total	1.2		mg/kg	0.08	0.02	1	07/25/15 13:32	07/27/15 23:51	EPA 7471B	1,7471B	EA
Nickel, Total	6.8		mg/kg	2.3	0.37	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	230	37.	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Sodium, Total	150	J	mg/kg	190	28.	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Vanadium, Total	13		mg/kg	0.94	0.09	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT
Zinc, Total	130		mg/kg	4.7	0.66	2	07/24/15 12:36	07/24/15 20:12	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-30
 Client ID: DP-141-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/23/15 10:28
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	10	2.0	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Barium, Total	38		mg/kg	1.0	0.30	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Beryllium, Total	0.82		mg/kg	0.50	0.10	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Calcium, Total	840		mg/kg	10	3.0	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Cobalt, Total	7.5		mg/kg	2.0	0.50	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Iron, Total	25000		mg/kg	5.0	2.0	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	5.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	10	1.0	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Manganese, Total	90		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 13:32	07/27/15 23:53	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.5	0.40	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	250	40.	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.20	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Sodium, Total	280		mg/kg	200	30.	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Vanadium, Total	32		mg/kg	1.0	0.10	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT
Zinc, Total	37		mg/kg	5.0	0.70	2	07/24/15 12:36	07/24/15 20:42	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-31
 Client ID: DP-141-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/23/15 10:33
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.2	1.8	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Barium, Total	51		mg/kg	0.92	0.28	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Beryllium, Total	0.86		mg/kg	0.46	0.09	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Cadmium, Total	0.07	J	mg/kg	0.92	0.07	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Calcium, Total	340		mg/kg	9.2	2.8	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Cobalt, Total	6.8		mg/kg	1.8	0.46	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.6	1.8	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.6	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Magnesium, Total	2300		mg/kg	9.2	0.92	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Manganese, Total	72		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/25/15 13:32	07/27/15 23:55	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.37	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Potassium, Total	410		mg/kg	230	37.	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Sodium, Total	300		mg/kg	180	28.	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Vanadium, Total	31		mg/kg	0.92	0.09	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT
Zinc, Total	43		mg/kg	4.6	0.65	2	07/24/15 12:36	07/24/15 20:46	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-58
 Client ID: EB01-072315
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/23/15 14:44
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Calcium, Total	84.	J	ug/l	100	30.	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Iron, Total	210		ug/l	50.	20.	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Magnesium, Total	10.	J	ug/l	100	10.	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Manganese, Total	8.10	J	ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/24/15 15:24	07/24/15 18:57	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/24/15 14:05	07/24/15 20:56	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-61
 Client ID: GTW-605-7-1-2
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/23/15 09:40
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	5.34	J	ug/l	10.0	1.69	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Antimony, Dissolved	2.894		ug/l	2.000	0.0699	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	1.537		ug/l	0.5000	0.1230	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Barium, Dissolved	109.2		ug/l	0.5000	0.0625	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Calcium, Dissolved	39500		ug/l	200	32.0	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.8277	J	ug/l	2.000	0.2530	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	19.51		ug/l	0.5000	0.0621	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Copper, Dissolved	1.042		ug/l	1.000	0.2620	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Iron, Dissolved	5770		ug/l	50.0	12.0	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Lead, Dissolved	0.9375	J	ug/l	1.000	0.1290	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	29800		ug/l	70.0	22.3	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Manganese, Dissolved	2085		ug/l	20.00	6.040	20	07/25/15 15:52	07/27/15 17:20	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	07/24/15 16:07	07/24/15 19:56	EPA 7470A	1,7470A	EA
Nickel, Dissolved	12.46		ug/l	2.000	0.0865	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Potassium, Dissolved	1680		ug/l	100	19.3	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		ug/l	0.4000	0.0779	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Sodium, Dissolved	142000		ug/l	6000	322.	20	07/25/15 15:52	07/27/15 17:20	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM
Zinc, Dissolved	39.09		ug/l	10.00	2.560	1	07/25/15 15:52	07/27/15 17:11	EPA 3005A	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-62
Client ID: GTW-607-13-1-2
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/23/15 12:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	10.1		ug/l	10.0	1.69	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Antimony, Dissolved	0.6170	J	ug/l	2.000	0.0699	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	0.5711		ug/l	0.5000	0.1230	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Barium, Dissolved	187.4		ug/l	0.5000	0.0625	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Calcium, Dissolved	23400		ug/l	200	32.0	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.6604	J	ug/l	2.000	0.2530	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	5.354		ug/l	0.5000	0.0621	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Copper, Dissolved	ND		ug/l	1.000	0.2620	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Iron, Dissolved	196		ug/l	50.0	12.0	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Lead, Dissolved	ND		ug/l	1.000	0.1290	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	24800		ug/l	70.0	22.3	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Manganese, Dissolved	6045		ug/l	20.00	6.040	20	07/25/15 15:52	07/27/15 17:36	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	07/24/15 16:07	07/24/15 20:01	EPA 7470A	1,7470A	EA
Nickel, Dissolved	1.722	J	ug/l	2.000	0.0865	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Potassium, Dissolved	1800		ug/l	100	19.3	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		ug/l	0.4000	0.0779	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Sodium, Dissolved	67600		ug/l	6000	322.	20	07/25/15 15:52	07/27/15 17:36	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM
Zinc, Dissolved	ND		ug/l	10.00	2.560	1	07/25/15 15:52	07/27/15 17:14	EPA 3005A	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-63
Client ID: GTW-605-7-2-2
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/23/15 14:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	12.6		ug/l	10.0	1.69	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Antimony, Dissolved	1.022	J	ug/l	2.000	0.0699	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Arsenic, Dissolved	2.586		ug/l	0.5000	0.1230	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Barium, Dissolved	229.7		ug/l	0.5000	0.0625	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Calcium, Dissolved	169000		ug/l	4000	640.	20	07/25/15 15:52	07/27/15 17:39	EPA 3005A	1,6020A	BM
Chromium, Dissolved	0.6680	J	ug/l	2.000	0.2530	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Cobalt, Dissolved	4.556		ug/l	0.5000	0.0621	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Copper, Dissolved	ND		ug/l	1.000	0.2620	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Iron, Dissolved	12200		ug/l	50.0	12.0	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Lead, Dissolved	0.2282	J	ug/l	1.000	0.1290	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Magnesium, Dissolved	21400		ug/l	70.0	22.3	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Manganese, Dissolved	2511		ug/l	20.00	6.040	20	07/25/15 15:52	07/27/15 17:39	EPA 3005A	1,6020A	BM
Mercury, Dissolved	ND		ug/l	0.2000	0.0660	1	07/24/15 16:07	07/24/15 20:03	EPA 7470A	1,7470A	EA
Nickel, Dissolved	7.704		ug/l	2.000	0.0865	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Potassium, Dissolved	22600		ug/l	100	19.3	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Silver, Dissolved	ND		ug/l	0.4000	0.0779	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Sodium, Dissolved	112000		ug/l	6000	322.	20	07/25/15 15:52	07/27/15 17:39	EPA 3005A	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM
Zinc, Dissolved	7.916	J	ug/l	10.00	2.560	1	07/25/15 15:52	07/27/15 17:17	EPA 3005A	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-64
 Client ID: EB02-072315
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/23/15 15:30
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3400		ug/l	200	40.	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Antimony, Total	ND		ug/l	100	16.0	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Arsenic, Total	10.8		ug/l	10.0	4.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Barium, Total	61.4		ug/l	20.0	6.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	10.0	2.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Cadmium, Total	1.40	J	ug/l	10.0	1.40	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Calcium, Total	9800		ug/l	200	60.	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Chromium, Total	21.		ug/l	20.	4.0	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	40.0	10.0	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Copper, Total	166.		ug/l	20.0	4.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Iron, Total	8500		ug/l	100	40.	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Lead, Total	1240		ug/l	20.0	4.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Magnesium, Total	1500		ug/l	200	20.	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Manganese, Total	164.		ug/l	20.0	4.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Mercury, Total	0.6118		ug/l	0.2000	0.0660	1	07/24/15 15:24	07/24/15 19:19	EPA 7470A	1,7470A	EA
Nickel, Total	21.4	J	ug/l	50.0	8.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Potassium, Total	6400		ug/l	5000	800	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	20.0	6.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Silver, Total	4.20	J	ug/l	14.0	4.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Sodium, Total	15000		ug/l	4000	600	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	40.0	8.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Vanadium, Total	37.6		ug/l	20.0	2.00	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH
Zinc, Total	390.		ug/l	100.	14.0	2	07/24/15 14:05	07/24/15 21:00	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 58,64 Batch: WG805666-1										
Aluminum, Total	ND		ug/l	100	20.	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Arsenic, Total	2.30	J	ug/l	5.00	2.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Calcium, Total	ND		ug/l	100	30.	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Iron, Total	ND		ug/l	50	20.	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Magnesium, Total	ND		ug/l	100	10.	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Manganese, Total	ND		ug/l	10.0	2.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Nickel, Total	ND		ug/l	25.0	4.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/24/15 14:05	07/24/15 19:52	1,6010C	JH

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 58,64 Batch: WG805696-1										
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/24/15 15:24	07/24/15 18:54	1,7470A	EA



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 06-11 Batch: WG805720-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Iron, Total	0.84	J	mg/kg	2.0	0.80	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Manganese, Total	0.15	J	mg/kg	0.40	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Sodium, Total	ND		mg/kg	80	12.	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/24/15 11:29	07/27/15 15:22	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 12-31 Batch: WG805738-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Barium, Total	ND	mg/kg	0.40	0.12	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Copper, Total	ND	mg/kg	0.40	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Iron, Total	ND	mg/kg	2.0	0.80	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Lead, Total	ND	mg/kg	2.0	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/24/15 12:36	07/24/15 18:17	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 61-63 Batch: WG805777-1									
Mercury, Dissolved	ND	ug/l	0.2000	0.0660	1	07/24/15 16:07	07/24/15 19:49	1,7470A	EA



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 06-08 Batch: WG805904-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/25/15 08:41	07/27/15 21:16	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 09-28 Batch: WG805906-1									
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/25/15 12:39	07/27/15 22:07	1,7471B EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 29-31 Batch: WG805907-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/25/15 13:32	07/27/15 23:04	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 61-63 Batch: WG806013-1									
Aluminum, Dissolved	3.24	J	ug/l	10.0	1.69	1	07/25/15 15:52	07/27/15 17:05	1,6020A BM
Antimony, Dissolved	0.4788	J	ug/l	2.000	0.0699	1	07/25/15 15:52	07/27/15 17:05	1,6020A BM
Arsenic, Dissolved	ND	ug/l	0.5000	0.1230	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Method Blank Analysis Batch Quality Control

Barium, Dissolved	0.2761	J	ug/l	0.5000	0.0625	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Beryllium, Dissolved	ND		ug/l	0.5000	0.1500	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Cadmium, Dissolved	ND		ug/l	0.2000	0.0500	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Calcium, Dissolved	169	J	ug/l	200	32.0	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Chromium, Dissolved	0.6292	J	ug/l	2.000	0.2530	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Cobalt, Dissolved	ND		ug/l	0.5000	0.0621	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Copper, Dissolved	ND		ug/l	1.000	0.2620	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Iron, Dissolved	ND		ug/l	50.0	12.0	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Lead, Dissolved	ND		ug/l	1.000	0.1290	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Magnesium, Dissolved	28.9	J	ug/l	70.0	22.3	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Manganese, Dissolved	ND		ug/l	1.000	0.3020	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Nickel, Dissolved	0.3981	J	ug/l	2.000	0.0865	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Potassium, Dissolved	ND		ug/l	100	19.3	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Selenium, Dissolved	ND		ug/l	5.00	1.00	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Silver, Dissolved	ND		ug/l	0.4000	0.0779	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Sodium, Dissolved	246	J	ug/l	300	16.1	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Thallium, Dissolved	ND		ug/l	0.5000	0.0566	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Vanadium, Dissolved	ND		ug/l	5.000	0.5510	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM
Zinc, Dissolved	ND		ug/l	10.00	2.560	1	07/25/15 15:52	07/27/15 17:05	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 58,64 Batch: WG805666-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	109		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	114		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	89		-		80-120	-		
Lead, Total	111		-		80-120	-		
Magnesium, Total	110		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	97		-		80-120	-		
Selenium, Total	113		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	95		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,64 Batch: WG805666-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 58,64 Batch: WG805696-2					
Mercury, Total	91	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 Batch: WG805720-2 SRM Lot Number: D088-540					
Aluminum, Total	87	-	48-151	-	
Antimony, Total	131	-	1-208	-	
Arsenic, Total	88	-	79-121	-	
Barium, Total	88	-	83-117	-	
Beryllium, Total	87	-	83-117	-	
Cadmium, Total	83	-	83-117	-	
Calcium, Total	85	-	81-119	-	
Chromium, Total	85	-	80-120	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	82	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	84	-	81-117	-	
Magnesium, Total	84	-	76-124	-	
Manganese, Total	84	-	81-118	-	
Nickel, Total	83	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	91	-	78-122	-	
Silver, Total	88	-	75-124	-	
Sodium, Total	88	-	72-127	-	
Thallium, Total	80	-	80-120	-	
Vanadium, Total	87	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 Batch: WG805720-2 SRM Lot Number: D088-540					
Zinc, Total	84	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 Batch: WG805738-2 SRM Lot Number: D088-540					
Aluminum, Total	82	-	48-151	-	
Antimony, Total	168	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	93	-	83-117	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	89	-	45-155	-	
Lead, Total	85	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	88	-	81-118	-	
Nickel, Total	94	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	92	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	94	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 Batch: WG805738-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 Batch: WG805777-2					
Mercury, Dissolved	93	-	70-130	-	
Total Metals - Westborough Lab Associated sample(s): 06-08 Batch: WG805904-2 SRM Lot Number: D088-540					
Mercury, Total	104	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 09-28 Batch: WG805906-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 29-31 Batch: WG805907-2 SRM Lot Number: D088-540					
Mercury, Total	106	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 Batch: WG806013-2					
Aluminum, Dissolved	100	-	80-120	-	
Antimony, Dissolved	103	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	99	-	80-120	-	
Cadmium, Dissolved	111	-	80-120	-	
Calcium, Dissolved	110	-	80-120	-	
Chromium, Dissolved	102	-	80-120	-	
Cobalt, Dissolved	103	-	80-120	-	
Copper, Dissolved	105	-	80-120	-	
Iron, Dissolved	97	-	80-120	-	
Lead, Dissolved	104	-	80-120	-	
Magnesium, Dissolved	106	-	80-120	-	
Manganese, Dissolved	100	-	80-120	-	
Nickel, Dissolved	106	-	80-120	-	
Potassium, Dissolved	106	-	80-120	-	
Selenium, Dissolved	106	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	109	-	80-120	-	
Thallium, Dissolved	106	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 Batch: WG806013-2					
Zinc, Dissolved	106	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805666-4 QC Sample: L1515003-76 Client ID: MS Sample												
Aluminum, Total	ND	2000	1900	95	-	-	-	-	75-125	-	-	20
Antimony, Total	17.8J	500	460	92	-	-	-	-	75-125	-	-	20
Arsenic, Total	ND	120	126	105	-	-	-	-	75-125	-	-	20
Barium, Total	ND	2000	1870	94	-	-	-	-	75-125	-	-	20
Beryllium, Total	ND	50	49.6	99	-	-	-	-	75-125	-	-	20
Cadmium, Total	ND	51	56.5	111	-	-	-	-	75-125	-	-	20
Calcium, Total	ND	10000	9300	93	-	-	-	-	75-125	-	-	20
Chromium, Total	ND	200	180	90	-	-	-	-	75-125	-	-	20
Cobalt, Total	ND	500	477	95	-	-	-	-	75-125	-	-	20
Copper, Total	ND	250	228	91	-	-	-	-	75-125	-	-	20
Iron, Total	ND	1000	870	87	-	-	-	-	75-125	-	-	20
Lead, Total	ND	510	548	107	-	-	-	-	75-125	-	-	20
Magnesium, Total	ND	10000	10000	100	-	-	-	-	75-125	-	-	20
Manganese, Total	ND	500	478	96	-	-	-	-	75-125	-	-	20
Nickel, Total	ND	500	495	99	-	-	-	-	75-125	-	-	20
Potassium, Total	ND	10000	9000	90	-	-	-	-	75-125	-	-	20
Selenium, Total	ND	120	130	108	-	-	-	-	75-125	-	-	20
Silver, Total	ND	50	47.4	95	-	-	-	-	75-125	-	-	20
Sodium, Total	ND	10000	9500	95	-	-	-	-	75-125	-	-	20
Thallium, Total	ND	120	126	105	-	-	-	-	75-125	-	-	20
Vanadium, Total	ND	500	451	90	-	-	-	-	75-125	-	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805666-4 QC Sample: L1515003-76 Client ID: MS Sample									
Zinc, Total	ND	500	509	102	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805696-4 QC Sample: L1517186-58 Client ID: EB01-072315									
Mercury, Total	ND	5	4.892	98	-	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 QC Batch ID: WG805720-4 QC Sample: L1516908-01 Client ID: MS Sample									
Aluminum, Total	13000	191	15000	1050	Q	-	75-125	-	20
Antimony, Total	ND	47.7	32	67	Q	-	75-125	-	20
Arsenic, Total	8.9	11.4	19	88		-	75-125	-	20
Barium, Total	14.	191	190	92		-	75-125	-	20
Beryllium, Total	1.0	4.77	5.3	90		-	75-125	-	20
Cadmium, Total	ND	4.86	3.0	62	Q	-	75-125	-	20
Calcium, Total	28.	954	890	90		-	75-125	-	20
Chromium, Total	21.	19.1	38	89		-	75-125	-	20
Cobalt, Total	4.6	47.7	43	80		-	75-125	-	20
Copper, Total	7.8	23.8	30	93		-	75-125	-	20
Iron, Total	37000	95.4	37000	0	Q	-	75-125	-	20
Lead, Total	ND	48.6	34	70	Q	-	75-125	-	20
Magnesium, Total	140	954	950	85		-	75-125	-	20
Manganese, Total	72.	47.7	100	59	Q	-	75-125	-	20
Nickel, Total	8.0	47.7	48	84		-	75-125	-	20
Potassium, Total	200J	954	1100	115		-	75-125	-	20
Selenium, Total	0.82J	11.4	11	96		-	75-125	-	20
Silver, Total	ND	28.6	27	94		-	75-125	-	20
Sodium, Total	ND	954	900	94		-	75-125	-	20
Thallium, Total	ND	11.4	8.3	72	Q	-	75-125	-	20
Vanadium, Total	41.	47.7	83	88		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 QC Batch ID: WG805720-4 QC Sample: L1516908-01 Client ID: MS Sample									
Zinc, Total	23.	47.7	63	84	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 QC Batch ID: WG805738-4 QC Sample: L1517186-12 Client ID: DP-138-SO-050-01									
Aluminum, Total	6800	186	7300	268	Q	-	75-125	-	20
Antimony, Total	ND	46.6	42	90		-	75-125	-	20
Arsenic, Total	8.9	11.2	19	90		-	75-125	-	20
Barium, Total	63.	186	240	95		-	75-125	-	20
Beryllium, Total	0.68	4.66	5.0	93		-	75-125	-	20
Cadmium, Total	0.08J	4.75	4.8	101		-	75-125	-	20
Calcium, Total	1400	932	2000	64	Q	-	75-125	-	20
Chromium, Total	14.	18.6	30	86		-	75-125	-	20
Cobalt, Total	9.1	46.6	55	98		-	75-125	-	20
Copper, Total	14.	23.3	34	86		-	75-125	-	20
Iron, Total	16000	93.2	17000	1070	Q	-	75-125	-	20
Lead, Total	9.2	47.5	53	92		-	75-125	-	20
Magnesium, Total	1400	932	1900	54	Q	-	75-125	-	20
Manganese, Total	140	46.6	350	450	Q	-	75-125	-	20
Nickel, Total	12.	46.6	57	96		-	75-125	-	20
Potassium, Total	590	932	1300	76		-	75-125	-	20
Selenium, Total	ND	11.2	9.8	88		-	75-125	-	20
Silver, Total	ND	28	27	96		-	75-125	-	20
Sodium, Total	64.J	932	940	101		-	75-125	-	20
Thallium, Total	ND	11.2	9.6	86		-	75-125	-	20
Vanadium, Total	21.	46.6	65	94		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 QC Batch ID: WG805738-4 QC Sample: L1517186-12 Client ID: DP-138-SO-050-01									
Zinc, Total	42.	46.6	84	90	-	-	75-125	-	20
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG805777-4 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2									
Mercury, Dissolved	ND	5	4.237	85	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG805904-4 QC Sample: L1516980-41 Client ID: MS Sample									
Mercury, Total	0.12	0.147	0.34	150	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG805906-4 QC Sample: L1517186-09 Client ID: DP-137-SO-200-01									
Mercury, Total	ND	0.16	0.24	150	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 29-31 QC Batch ID: WG805907-4 QC Sample: L1516947-01 Client ID: MS Sample									
Mercury, Total	0.07J	0.162	0.34	210	Q	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG806013-4 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2									
Aluminum, Dissolved	5.34J	2000	2030	102	-	-	75-125	-	20
Antimony, Dissolved	2.894	500	540.5	108	-	-	75-125	-	20
Arsenic, Dissolved	1.537	120	135.4	112	-	-	75-125	-	20
Barium, Dissolved	109.2	2000	2133	101	-	-	75-125	-	20
Beryllium, Dissolved	ND	50	52.50	105	-	-	75-125	-	20
Cadmium, Dissolved	ND	51	54.04	106	-	-	75-125	-	20
Calcium, Dissolved	39500	10000	58800	193	Q	-	75-125	-	20
Chromium, Dissolved	0.8277J	200	205.2	103	-	-	75-125	-	20
Cobalt, Dissolved	19.51	500	546.1	105	-	-	75-125	-	20
Copper, Dissolved	1.042	250	264.9	106	-	-	75-125	-	20
Iron, Dissolved	5770	1000	7450	168	Q	-	75-125	-	20
Lead, Dissolved	0.9375J	510	535.9	105	-	-	75-125	-	20
Magnesium, Dissolved	29800	10000	45400	156	Q	-	75-125	-	20
Manganese, Dissolved	2085.	500	2726	128	Q	-	75-125	-	20
Nickel, Dissolved	12.46	500	524.1	102	-	-	75-125	-	20
Potassium, Dissolved	1680	10000	13500	118	-	-	75-125	-	20
Selenium, Dissolved	ND	120	136	113	-	-	75-125	-	20
Silver, Dissolved	ND	50	51.69	103	-	-	75-125	-	20
Sodium, Dissolved	142000	10000	166000	240	Q	-	75-125	-	20
Thallium, Dissolved	ND	120	124.1	103	-	-	75-125	-	20
Vanadium, Dissolved	ND	500	532.2	106	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG806013-4 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2									
Zinc, Dissolved	39.09	500	587.7	110	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805666-3 QC Sample: L1515003-76 Client ID: DUP Sample						
Aluminum, Total	ND	ND	ug/l	NC		20
Antimony, Total	17.8J	ND	ug/l	NC		20
Arsenic, Total	ND	ND	ug/l	NC		20
Barium, Total	ND	ND	ug/l	NC		20
Beryllium, Total	ND	ND	ug/l	NC		20
Cadmium, Total	ND	ND	ug/l	NC		20
Calcium, Total	ND	ND	ug/l	NC		20
Chromium, Total	ND	ND	ug/l	NC		20
Cobalt, Total	ND	ND	ug/l	NC		20
Copper, Total	ND	ND	ug/l	NC		20
Iron, Total	ND	ND	ug/l	NC		20
Lead, Total	ND	ND	ug/l	NC		20
Magnesium, Total	ND	ND	ug/l	NC		20
Manganese, Total	ND	ND	ug/l	NC		20
Nickel, Total	ND	ND	ug/l	NC		20
Potassium, Total	ND	ND	ug/l	NC		20
Selenium, Total	ND	ND	ug/l	NC		20
Silver, Total	ND	ND	ug/l	NC		20
Sodium, Total	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805666-3 QC Sample: L1515003-76 Client ID: DUP Sample					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	ND	ND	ug/l	NC	20
Zinc, Total	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 58,64 QC Batch ID: WG805696-3 QC Sample: L1517186-58 Client ID: EB01-072315					
Mercury, Total	ND	ND	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 QC Batch ID: WG805720-3 QC Sample: L1516908-01 Client ID: DUP Sample					
Aluminum, Total	13000	13000	mg/kg	0	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	8.9	10	mg/kg	12	20
Barium, Total	14.	14	mg/kg	0	20
Beryllium, Total	1.0	1.0	mg/kg	0	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	28.	27	mg/kg	4	20
Chromium, Total	21.	22	mg/kg	5	20
Cobalt, Total	4.6	5.3	mg/kg	14	20
Copper, Total	7.8	8.2	mg/kg	5	20
Iron, Total	37000	40000	mg/kg	8	20
Lead, Total	ND	ND	mg/kg	NC	20
Magnesium, Total	140	140	mg/kg	0	20
Manganese, Total	72.	90	mg/kg	22	Q 20
Nickel, Total	8.0	9.1	mg/kg	13	20
Potassium, Total	200J	200J	mg/kg	NC	20
Selenium, Total	0.82J	0.79J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-11 QC Batch ID: WG805720-3 QC Sample: L1516908-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	41.	42	mg/kg	2	20
Zinc, Total	23.	26	mg/kg	12	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 QC Batch ID: WG805738-3 QC Sample: L1517186-12 Client ID: DP-138-SO-050-01					
Aluminum, Total	6800	6600	mg/kg	3	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	8.9	10	mg/kg	12	20
Barium, Total	63.	70	mg/kg	11	20
Beryllium, Total	0.68	0.90	mg/kg	28	Q 20
Cadmium, Total	0.08J	0.15J	mg/kg	NC	20
Calcium, Total	1400	1300	mg/kg	7	20
Chromium, Total	14.	14	mg/kg	0	20
Cobalt, Total	9.1	13	mg/kg	35	Q 20
Copper, Total	14.	12	mg/kg	15	20
Iron, Total	16000	20000	mg/kg	22	Q 20
Lead, Total	9.2	4.1J	mg/kg	NC	20
Magnesium, Total	1400	1100	mg/kg	24	Q 20
Manganese, Total	140	270	mg/kg	63	Q 20
Nickel, Total	12.	15	mg/kg	22	Q 20
Potassium, Total	590	510	mg/kg	15	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	64.J	66J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 12-31 QC Batch ID: WG805738-3 QC Sample: L1517186-12 Client ID: DP-138-SO-050-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	21.	23	mg/kg	9	20
Zinc, Total	42.	42	mg/kg	0	20
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG805777-3 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2					
Mercury, Dissolved	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 06-08 QC Batch ID: WG805904-3 QC Sample: L1516980-41 Client ID: DUP Sample					
Mercury, Total	0.12	0.10	mg/kg	18	20
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG805906-3 QC Sample: L1517186-09 Client ID: DP-137-SO-200-01					
Mercury, Total	ND	0.02J	mg/kg	NC	20
Total Metals - Westborough Lab Associated sample(s): 29-31 QC Batch ID: WG805907-3 QC Sample: L1516947-01 Client ID: DUP Sample					
Mercury, Total	0.07J	0.13	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG806013-3 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2					
Aluminum, Dissolved	5.34J	7.32J	ug/l	NC	20
Antimony, Dissolved	2.894	2.095	ug/l	32	Q 20
Arsenic, Dissolved	1.537	1.507	ug/l	2	20
Barium, Dissolved	109.2	107.5	ug/l	2	20
Beryllium, Dissolved	ND	ND	ug/l	NC	20
Cadmium, Dissolved	ND	ND	ug/l	NC	20
Calcium, Dissolved	39500	45700	ug/l	15	20
Chromium, Dissolved	0.8277J	0.7074J	ug/l	NC	20
Cobalt, Dissolved	19.51	20.01	ug/l	3	20
Copper, Dissolved	1.042	1.228	ug/l	16	20
Iron, Dissolved	5770	5670	ug/l	2	20
Lead, Dissolved	0.9375J	0.9338J	ug/l	NC	20
Magnesium, Dissolved	29800	32900	ug/l	10	20
Nickel, Dissolved	12.46	14.68	ug/l	16	20
Potassium, Dissolved	1680	1960	ug/l	15	20
Selenium, Dissolved	ND	ND	ug/l	NC	20
Silver, Dissolved	ND	ND	ug/l	NC	20
Thallium, Dissolved	ND	ND	ug/l	NC	20
Vanadium, Dissolved	ND	0.8066J	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG806013-3 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2					
Zinc, Dissolved	39.09	39.97	ug/l	2	20
Dissolved Metals - Westborough Lab Associated sample(s): 61-63 QC Batch ID: WG806013-3 QC Sample: L1517186-61 Client ID: GTW-605-7-1-2					
Manganese, Dissolved	2085.	2080	ug/l	0	20
Sodium, Dissolved	142000	147000	ug/l	3	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-01
 Client ID: DP-136-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 07:48
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-02
 Client ID: DP-136-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 07:50
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-03
Client ID: DP-136-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 07:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-04
 Client ID: DP-136-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 07:58
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-05
 Client ID: DP-136-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:00
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-06
 Client ID: DP-137-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:12
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-07
 Client ID: DP-137-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-08
 Client ID: DP-137-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:17
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-09
 Client ID: DP-137-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:20
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-10
 Client ID: DP-137-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:22
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-11
 Client ID: DP-138-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:35
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-12
 Client ID: DP-138-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:37
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-13
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-14
 Client ID: DP-138-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:42
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-15
 Client ID: DP-138-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 08:45
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-16
Client ID: DP-139-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 08:57
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-17
 Client ID: DP-139-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:00
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-18
 Client ID: DP-139-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:04
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-19
 Client ID: DP-139-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:05
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-20
 Client ID: DP-139-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:08
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-21
 Client ID: DP-139-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:10
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-22
 Client ID: DP-140-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:45
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-23
 Client ID: DP-140-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:48
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-24
 Client ID: DP-140-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:56
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-25
 Client ID: DP-140-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 09:58
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-26
 Client ID: DP-140-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:02
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-27
 Client ID: DP-141-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-28
 Client ID: DP-141-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:20
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-29
 Client ID: DP-141-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:22
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-30
 Client ID: DP-141-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:28
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-31
 Client ID: DP-141-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 10:33
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-32
 Client ID: DP-142-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:00
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-33
 Client ID: DP-142-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:05
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-34
 Client ID: DP-142-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:08
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-35
 Client ID: DP-142-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:12
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-36
 Client ID: DP-142-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:30
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-37
 Client ID: DP-143-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:50
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-38
 Client ID: DP-143-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:53
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-39
 Client ID: DP-143-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:55
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-40
 Client ID: DP-143-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 12:58
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/24/15 13:42	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-41
 Client ID: DP-143-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:08
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-42
 Client ID: DP-144-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-43
 Client ID: DP-144-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:20
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-44
 Client ID: DP-144-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:23
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-45
 Client ID: DP-144-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:25
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-46
 Client ID: DP-144-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:30
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-47
 Client ID: DP-145-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:40
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-48
 Client ID: DP-145-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:48
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-49
Client ID: DP-145-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 13:50
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-50
 Client ID: DP-145-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:52
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-51
 Client ID: DP-145-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:55
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-52
 Client ID: DP-145-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 13:59
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-53
 Client ID: DP-146-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 14:15
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517186

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-54
 Client ID: DP-146-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 14:18
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-55
 Client ID: DP-146-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 14:21
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-56
 Client ID: DP-146-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 14:24
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517186-57
 Client ID: DP-146-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/23/15 14:28
 Date Received: 07/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805769-1 QC Sample: L1517186-01 Client ID: DP-136-SO-010-01						
Solids, Total	88.6	89.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-40 QC Batch ID: WG805784-1 QC Sample: L1517186-21 Client ID: DP-139-SO-300-01						
Solids, Total	83.4	83.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 41-57 QC Batch ID: WG805805-1 QC Sample: L1517186-41 Client ID: DP-143-SO-300-01						
Solids, Total	85.3	85.1	%	0		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent
E	Absent
F	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-01A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-01A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-01B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-02A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-02A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-02B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-03A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-03A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-03B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-04A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-04A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-04B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-05A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-05A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-05B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-06A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-06A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-06B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-07A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-07A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-07B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-08A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-08A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-08B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-09A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-09A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-09B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Project Number: 40223-002

Lab Number: L1517186

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-10A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-10A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-10B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-11A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-11A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-11B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-12A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-12A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-12B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-13A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-13A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-13B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-14A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-14A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-14B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-15A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-15A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-15B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-16A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-16A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-16B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

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L1517186-17A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-17A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-17B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-18A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-18A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-18B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-19A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-19A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-19B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-20A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-20A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-20B	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-21A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-21A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-21B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-22A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-22A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-22B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-23A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-23A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-23B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-24A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-24A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-24B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-25A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-25A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-25B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-26A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-26A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-26B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-27A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-27A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-27B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-28A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-28A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-28B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-29A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-29A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-29B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-30A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-30A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-30B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days



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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-31A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-31A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-31B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1517186-32A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-32A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-32B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-33A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-33A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-33B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-34A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-34A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-34B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-35A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-35A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-35B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-36A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-36A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-36B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-37A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-37A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-37B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-38A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-38A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-38B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-39A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-39A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-39B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-40A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-40A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-40B	Glass 250ml/8oz unpreserved	E	N/A	3.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-41A	Vial Large Septa unpreserved (4o	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-41A9	Vial MeOH preserved split	B	N/A	4.1	Y	Absent	PA-TPH-GRO(14)
L1517186-41B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-42A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-42A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-42B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-43A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-43A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-43B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-44A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-44A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-44B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-45A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-45A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-45B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-46A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-46A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-46B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-47A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-47A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-47B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-48A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-48A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-48B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-49A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-49A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-49B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-50A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-50A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-50B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-51A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-51A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-51B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-52A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-52A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-52B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-53A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-53A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-53B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-54A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-54A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-54B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-55A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-55A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-55B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-56A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-56A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-56B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-57A	Vial Large Septa unpreserved (4o	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517186-57A9	Vial MeOH preserved split	C	N/A	2.6	Y	Absent	PA-TPH-GRO(14)
L1517186-57B	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1517186-58A	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-58B	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-58C	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-58D	Plastic 250ml HNO3 preserved	A	<2	4.7	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1517186-58E	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	PA-TPH-DROD-C44(7)
L1517186-58F	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	PA-TPH-DROD-C44(7)
L1517186-58G	Amber 1000ml unpreserved	A	7	4.7	Y	Absent	PA-TPH-DROD-C44(7)
L1517186-59A	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-59B	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-60A	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-60B	Vial HCl preserved	A	N/A	4.7	Y	Absent	PA-8260(14)
L1517186-61A	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-61B	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-61C	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1517186-61D	Plastic 500ml unpreserved	F	7	3.5	Y	Absent	-
L1517186-61E	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-61F	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-61X	Plastic 250ml HNO3 preserved spl	F	<2	3.5	Y	Absent	PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),K-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),MN-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),CA-6020S-PPB(180),FE-6020S-PPB(180),MG-6020S-PPB(180),NA-6020S-PPB(180),V-6020S-PPB(180),AL-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1517186-62A	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)

*Values in parentheses indicate holding time in days



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Project Number: 40223-002

Lab Number: L1517186

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-62B	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-62C	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1517186-62D	Plastic 500ml unpreserved	F	7	3.5	Y	Absent	-
L1517186-62E	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-62F	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-62X	Plastic 250ml HNO3 preserved spl	F	<2	3.5	Y	Absent	PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),K-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),MN-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),CA-6020S-PPB(180),FE-6020S-PPB(180),MG-6020S-PPB(180),NA-6020S-PPB(180),V-6020S-PPB(180),AL-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1517186-63A	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-63B	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-63C	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1517186-63D	Plastic 500ml unpreserved	F	7	3.5	Y	Absent	-
L1517186-63E	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-63F	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517186-63X	Plastic 250ml HNO3 preserved spl	F	<2	3.5	Y	Absent	PB-6020S-PPB(180),AG-6020S-PPB(180),BE-6020S-PPB(180),K-6020S-PPB(180),TL-6020S-PPB(180),HG-S-PPB(28),ZN-6020S-PPB(180),CD-6020S-PPB(180),CO-6020S-PPB(180),CU-6020S-PPB(180),AS-6020S-PPB(180),CR-6020S-PPB(180),MN-6020S-PPB(180),SB-6020S-PPB(180),BA-6020S-PPB(180),CA-6020S-PPB(180),FE-6020S-PPB(180),MG-6020S-PPB(180),NA-6020S-PPB(180),V-6020S-PPB(180),AL-6020S-PPB(180),NI-6020S-PPB(180),SE-6020S-PPB(180)
L1517186-64A	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-64B	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-8260(14)
L1517186-64C	Vial HCl preserved	F	N/A	3.5	Y	Absent	PA-TPH-GRO(14)
L1517186-64D	Plastic 250ml HNO3 preserved	F	<2	3.5	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1517186-64E	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-64F	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-64G	Amber 1000ml unpreserved	F	7	3.5	Y	Absent	PA-TPH-DROD-C44(7),PA-8270(7),PA-8270SIM(7)
L1517186-65A	Vial HCl preserved	F	N/A	3.5	Y	Absent	HOLD(14)
L1517186-65B	Vial HCl preserved	F	N/A	3.5	Y	Absent	HOLD(14)

*Values in parentheses indicate holding time in days



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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
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Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517186
Report Date: 07/28/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd
San Diego, CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/28 Time: 3 day

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1-402 for VOC

ANALYSIS	TAL Metals (6010)	TOTAL # BOTTLES
	TPH (6044) (8015)	
	PAH (82705)	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	TPH (6044) (8015)	
17186 -01	DP-136-SO-010-01	7/23	0748	SO	MK	X		2
-02	DP-136-SO-050-01		0750			X		2
-03	DP-136-SO-100-01		0755			X		2
-04	DP-136-SO-200-01		0758			X		2
-05	DP-136-SO-300-01		0806			X		2
-06	DP-137-SO-010-01		0812			X	X	2
-07	DP-137-SO-050-01		0815			X	X	2
-08	DP-137-SO-100-01		0817			X	X	2
-09	DP-137-SO-200-01		0820			X	X	2
-10	DP-137-SO-300-01		0822			X	X	2

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. TSCabebe</u>	<u>07/23/15/16:00</u>	<u>AAL J. W. H.</u>	<u>7/23/15 (6:00)</u>
<u>T. W. H.</u>	<u>7/23/15</u>	<u>[Signature]</u>	<u>7/23/15 19:30</u>
<u>[Signature]</u>	<u>7/23/15 20:15</u>	<u>[Signature]</u>	<u>7/23/15 22:15</u>
<u>[Signature]</u>	<u>7/23/15 22:55</u>	<u>[Signature]</u>	<u>7/23/15 22:55</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

CHAIN OF CUSTODY

PAGE 2 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
3 day

Date Due: 7/28 Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Mod 1-4oz For VOL

ANALYSIS

TAL Metals (6010)
TPH (6044) (6015)
PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
Preservation
 Lab to do

(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		PRESERVATION		TOTAL # BOTTLES
		Date	Time			TAL Metals	TPH	PAH	Other	
17186 -11	DP-138-50-010-01	7/23	0835	SO	MK	X	X			2
-12	DP-138-50-050-01		0837			X	X			2
-13	DP-138-50-100-01		0840			X	X			2
-14	DP-138-50-200-01		0842			X	X			2
-15	DP-138-50-300-01		0845			X	X			2
-16	DP-139-50-010-01		0857			X	X			2
-17	DP-139-50-050-01		0900			X	X			2
-18	DP-139-50-100-01		0904			X	X			2
-19	DP-139-50-100-02		0905			X	X			2
-20	DP-139-50-200-01		0908			X	X			2

Container Type

Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschoban</u>	<u>07/23/15 16:00</u>	<u>ALP TWA</u>	<u>7/23/15 16:00</u>
<u>TWA</u>	<u>7/23/15</u>	<u>ALP</u>	<u>7/23/15 19:30</u>
<u>ALP</u>	<u>7/23/15 22:15</u>	<u>ALP</u>	<u>7/23/15 22:15</u>
<u>ALP</u>	<u>7/24/15 08:55</u>	<u>ALP</u>	<u>7/24/15 08:55</u>

CHAIN OF CUSTODY

PAGE 3 OF 7



MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

ALPHA Job #: L1517186

Date Rec'd in Lab: 7/24/15

Project Information

Project Name:

Project Location: E

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/28 3 day Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley & Aldrich

Address: 5333 Mission Center Rd

San Diego, CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1x402 For VOC

ANALYSIS

TAL Metals (6010)

IPH (60244) (8015)

PAH (82700)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (6010)	IPH (60244) (8015)		
17186 -21	DP-139-SO-300-01	7/23	0910	SO	MK	X	X		2
-22	DP-140-SO-010-01	↓	0945			X	X		2
-23	DP-140-SO-050-01		0948			X	X		2
-24	DP-140-SO-100-01		0956			X	X		2
-25	DP-140-SO-200-01		0958			X	X		2
-26	DP-140-SO-300-01		1002			X	X		2
-27	DP-141-SO-010-01		1015			X	X		2
-28	DP-141-SO-050-01		1020			X	X		2
-29	DP-141-SO-100-01		1022			X	X		2
-30	DP-141-SO-200-01		1028			X	X		2

Container Type	
Preservative	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>G. Tsch...</u>	<u>7/23/15 16:00</u>	<u>AACT</u>	<u>7/23/15 15:00</u>
<u>J. W. ...</u>	<u>7/23/15</u>	<u>[Signature]</u>	<u>7/23/15 14:30</u>
<u>[Signature]</u>	<u>7/23/15 22:15</u>	<u>[Signature]</u>	<u>7/23/15 22:15</u>
<u>[Signature]</u>	<u>7/24/15</u>	<u>[Signature]</u>	<u>7/24/15 02:55</u>



CHAIN OF CUSTODY

PAGE 4 OF 7

WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

MANSFIELD, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/28 3 day Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego, CA 92108

Phone: 619 285-7122

Fax:

Email: d.kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1x 4oz For VOC

ANALYSIS

THALMATEKS (6010)
 TPH (C6-644) (8015)
 PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials															
		Date	Time																	
17186 -31	DP-141-50-300-01	7/23	1033	SO	MK	X	X													2
-32	DP-142-50-010-01		1206				X													2
-33	DP-142-50-050-01		1205				X													2
-34	DP-142-50-100-01		1208				X													2
-35	DP-142-50-200-01		1212				X													2
-36	DP-142-50-300-01		1238				X													2
-37	DP-143-50-010-01		1250				X													2
-38	DP-143-50-050-01		1253				X													2
-39	DP-143-50-100-01		1255				X													2
-46	DP-143-50-200-01		1258				X													2

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

C. Tschopp

07/23/15 16:00

[Signature]

7/23/15 16:00

[Signature]

7/23/15

[Signature]

7/23/15 19:30

[Signature]

7/23/15 21:55

[Signature]

7/23/15 22:15

[Signature]

7/24/15 08:55

[Signature]

7/24/15 09:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

CHAIN OF CUSTODY

PAGE 5 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1577186

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley & Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 3 day Time:

Email: d.kennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1 x 4oz for VOC

ANALYSIS

TAL Metals (6010)

TPH (6-44) (8015)

PAH (8270C)

(5108) 447-9115

(50228) HAH

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES		
		Date	Time			TAL Metals (6010)	TPH (6-44) (8015)	PAH (8270C)	(5108) 447-9115	(50228) HAH	Other	Other	Other	Other	Other			Other	Other
17186 -41	DP-143-SO-300-01	7/23	1308	SG	MK	X													2
-42	DP-144-SO-010-01		1315			X													2
-43	DP-144-SO-050-01		1320			X													2
-44	DP-144-SO-100-01		1323			X													2
-45	DP-144-SO-200-01		1325			X													2
-46	DP-144-SO-300-01		1338			X													2
-47	DP-145-SO-010-01		1340			X													2
-48	DP-145-SO-050-01		1348			X													2
-49	DP-145-SO-100-01		1350			X													2
-50	DP-145-SO-100-02		1352			X													2

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubert</u>	<u>07/23/15/16:00</u>	<u>APL/TWA</u>	<u>7/23/15/16:00</u>
<u>J. W. [Signature]</u>	<u>7/23/15</u>	<u>[Signature]</u>	<u>7/23/15/14:30</u>
<u>[Signature]</u>	<u>7/24/15/02:55</u>	<u>[Signature]</u>	<u>7/23/15/22:15</u>
<u>[Signature]</u>	<u>7/24/15/02:55</u>	<u>[Signature]</u>	<u>7/24/15/02:55</u>

CHAIN OF CUSTODY

PAGE 60 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619 285-7122
Fax:

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Email: d.kennard@haleyaldrich.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 3:00pm

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
hold 10402 For VOC

ANALYSIS	TAL Metals (6010)	TOTAL # BOTTLES
	TPH (6044) (6045)	
	VOC	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS						Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			TAL Metals (6010)	TPH (6044) (6045)	VOC	Other	Other	Other			Other
17186 -51	DP-145-50-200-01	7/23	1355	SG	MK	X								2
-52	DP-145-50-300-01		1359			X								2
-53	DP-146-50-010-01		1415			X								2
-54	DP-146-50-050-01		1418			X								2
-55	DP-146-50-100-01		1421			X								2
-56	DP-146-50-200-01		1424			X								2
-57	DP-146-50-300-01		1428	✓		X								2
-58	EB01-072315		14:44	W		X	X	X						7
-59	TR01-072315		14:45					X						
-60	TR02-072315		14:46					X						

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschopp</u>	<u>7/23/15 16:00</u>	<u>[Signature]</u>	<u>7/23/15 16:00</u>
<u>[Signature]</u>	<u>7/23/15</u>	<u>[Signature]</u>	<u>7/23/15 19:30</u>
<u>[Signature]</u>	<u>7/23/15 12:00</u>	<u>[Signature]</u>	<u>7/23/15 22:15</u>
<u>[Signature]</u>	<u>7/24/15 12:55</u>	<u>[Signature]</u>	<u>7/24/15 02:55</u>

CHAIN OF CUSTODY

PAGE 7 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Project Information

Project Name: BUZZARD POINT

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 07/28 Time: 3 days

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD. S/E 300
SAN DIEGO, CA

Phone:

Fax:

Email: jkennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

LAB FILTER METALS ANALYSIS
DISSOLVED

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										SAMPLE HANDLING	TOTAL # BOTTLES						
		Date	Time			VOCs (8260)	SVOCs (8270)	TAL METALS (6016)	TPH C6-C14 (806)														
17186	-61	GTW-605-7-1-2	07/23/15	09:14	SO	CT	X	X	X	X												6	
	-62	GTW-607-13-1-2	↓	12:40	SO	CT	X	X	X	X												6	
	-63	GTW-605-7-2-2		14:55				X	X	X	X												6
	-64	EB02-072315		15:30				X	X	X	X												7
	-65	Note: TB for 07/22		7/22/15																		HOLD	2

SAMPLE HANDLING

- Filtration _____
 - Done
 - Not needed
 - Lab to do
 - Preservation _____
 - Lab to do
- (Please specify below)

ALPHA Lab ID (Lab Use Only)		Sample ID	Date	Time	Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES					
17186	-61	GTW-605-7-1-2	07/23/15	09:14	SO	CT	X	X	X	X												6	
	-62	GTW-607-13-1-2	↓	12:40	SO	CT	X	X	X	X												6	
	-63	GTW-605-7-2-2		14:55				X	X	X	X												6
	-64	EB02-072315		15:30				X	X	X	X												7
	-65	Note: TB for 07/22		7/22/15																		HOLD	2

Container Type 3 1 1
Preservative X

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschubert</u>	<u>07/23/15 16:00</u>	<u>AKL JWA</u>	<u>7/23/15 16:00</u>
<u>TW</u>	<u>7/23/15</u>	<u>AKL</u>	<u>7/23/15 18:30</u>
<u>AKL</u>	<u>7/23/15 21:15</u>	<u>AKL</u>	<u>7/23/15 21:15</u>
<u>AKL</u>	<u>7/24/15 08:55</u>	<u>AKL</u>	<u>7/24/15 08:57</u>



ANALYTICAL REPORT

Lab Number:	L1517347
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/28/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517347-01	DP-147-SO-010-01	SOIL	Not Specified	07/24/15 08:32	07/24/15
L1517347-02	DP-147-SO-050-01	SOIL	Not Specified	07/24/15 08:37	07/24/15
L1517347-03	DP-147-SO-050-02	SOIL	Not Specified	07/24/15 08:38	07/24/15
L1517347-04	DP-147-SO-100-01	SOIL	Not Specified	07/24/15 08:42	07/24/15
L1517347-05	DP-147-SO-200-01	SOIL	Not Specified	07/24/15 08:47	07/24/15
L1517347-06	DP-147-SO-300-01	SOIL	Not Specified	07/24/15 08:51	07/24/15
L1517347-07	DP-148-SO-010-01	SOIL	Not Specified	07/24/15 09:04	07/24/15
L1517347-08	DP-148-SO-050-01	SOIL	Not Specified	07/24/15 09:07	07/24/15
L1517347-09	DP-148-SO-100-01	SOIL	Not Specified	07/24/15 09:12	07/24/15
L1517347-10	DP-148-SO-200-01	SOIL	Not Specified	07/24/15 09:21	07/24/15
L1517347-11	DP-148-SO-300-01	SOIL	Not Specified	07/24/15 09:25	07/24/15
L1517347-12	DP-149-SO-010-01	SOIL	Not Specified	07/24/15 09:55	07/24/15
L1517347-13	DP-149-SO-050-01	SOIL	Not Specified	07/24/15 09:58	07/24/15
L1517347-14	DP-149-SO-100-01	SOIL	Not Specified	07/24/15 10:01	07/24/15
L1517347-15	DP-149-SO-200-01	SOIL	Not Specified	07/24/15 10:06	07/24/15
L1517347-16	DP-149-SO-300-01	SOIL	Not Specified	07/24/15 10:15	07/24/15
L1517347-17	DP-150-SO-010-01	SOIL	Not Specified	07/24/15 10:40	07/24/15
L1517347-18	DP-150-SO-050-01	SOIL	Not Specified	07/24/15 10:43	07/24/15
L1517347-19	DP-150-SO-100-01	SOIL	Not Specified	07/24/15 10:45	07/24/15
L1517347-20	DP-150-SO-200-01	SOIL	Not Specified	07/24/15 10:50	07/24/15
L1517347-21	DP-150-SO-300-01	SOIL	Not Specified	07/24/15 10:59	07/24/15
L1517347-22	EB01-072415	WATER	Not Specified	07/24/15 11:30	07/24/15
L1517347-23	TB01-072415	WATER	Not Specified	07/24/15 11:40	07/24/15
L1517347-24	DRUM07-072415	SOLID	Not Specified	07/24/15 12:30	07/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517347-25	DRUM06-072415	SOIL	Not Specified	07/24/15 14:15	07/24/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1517347-07: The sample has elevated detection limits due to the dilution required by the sample matrix.

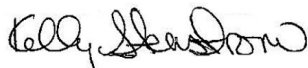
WG805924-1 Method Blank: The surrogate recoveries are above the acceptance criteria for nitrobenzene-d5 (130%) and 4-terphenyl-d14 (140%). Since the blank was non-detect for all target analytes, re-analysis was not required.

Petroleum Hydrocarbon Quantitation

The WG805938-3 Laboratory Duplicate RPD, performed on L1517347-19, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (50%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/28/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-22
 Client ID: EB01-072415
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/27/15 14:11
 Analyst: PD

Date Collected: 07/24/15 11:30
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	3.5	J	ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	2.5	J	ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-22
Client ID: EB01-072415
Sample Location: Not Specified

Date Collected: 07/24/15 11:30
Date Received: 07/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	0.25	J	ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-23
Client ID: TB01-072415
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/15 14:48
Analyst: PD

Date Collected: 07/24/15 11:40
Date Received: 07/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	ND		ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-23
Client ID: TB01-072415
Sample Location: Not Specified

Date Collected: 07/24/15 11:40
Date Received: 07/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 11:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22-23 Batch: WG806297-3					
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Chloromethane	ND		ug/l	2.5	0.18
Vinyl chloride	ND		ug/l	1.0	0.07
Bromomethane	ND		ug/l	1.0	0.26
Chloroethane	ND		ug/l	1.0	0.13
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,1-Dichloroethene	ND		ug/l	0.50	0.14
Carbon disulfide	ND		ug/l	5.0	0.30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15
Methylene chloride	ND		ug/l	2.5	0.29
Acetone	ND		ug/l	5.0	1.5
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Methyl Acetate	ND		ug/l	2.0	0.23
Methyl tert butyl ether	ND		ug/l	1.0	0.16
1,1-Dichloroethane	ND		ug/l	0.75	0.21
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
1,2-Dichloroethene (total)	ND		ug/l	0.50	0.16
Cyclohexane	ND		ug/l	10	0.27
Bromochloromethane	ND		ug/l	2.5	0.14
Chloroform	ND		ug/l	0.75	0.16
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
2-Butanone	ND		ug/l	5.0	1.9
Benzene	ND		ug/l	0.50	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
Methyl cyclohexane	ND		ug/l	10	0.40
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Bromodichloromethane	ND		ug/l	0.50	0.19

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/15 11:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22-23 Batch: WG806297-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/27/15 11:47
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22-23 Batch: WG806297-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-23 Batch: WG806297-1 WG806297-2								
Dichlorodifluoromethane	116		114		36-147	2		20
Chloromethane	69		65		64-130	6		20
Vinyl chloride	72		71		55-140	1		20
Bromomethane	68		64		39-139	6		20
Chloroethane	96		93		55-138	3		20
Trichlorofluoromethane	81		81		62-150	0		20
1,1-Dichloroethene	91		89		61-145	2		20
Carbon disulfide	80		79		51-130	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	94		96		70-130	2		20
Methylene chloride	88		87		70-130	1		20
Acetone	86		80		58-148	7		20
trans-1,2-Dichloroethene	93		92		70-130	1		20
Methyl Acetate	84		86		70-130	2		20
Methyl tert butyl ether	91		91		63-130	0		20
1,1-Dichloroethane	86		87		70-130	1		20
cis-1,2-Dichloroethene	91		89		70-130	2		20
Cyclohexane	87		88		70-130	1		20
Bromochloromethane	96		96		70-130	0		20
Chloroform	83		84		70-130	1		20
Carbon tetrachloride	93		93		63-132	0		20
1,1,1-Trichloroethane	86		87		67-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-23 Batch: WG806297-1 WG806297-2								
2-Butanone	91		90		63-138	1		20
Benzene	96		94		70-130	2		20
1,2-Dichloroethane	80		82		70-130	2		20
Methyl cyclohexane	88		89		70-130	1		20
Trichloroethene	87		86		70-130	1		20
1,2-Dichloropropane	92		90		70-130	2		20
Bromodichloromethane	82		84		67-130	2		20
1,4-Dioxane	97		98		56-162	1		20
cis-1,3-Dichloropropene	89		87		70-130	2		20
Toluene	98		98		70-130	0		20
Tetrachloroethene	108		107		70-130	1		20
4-Methyl-2-pentanone	80		82		59-130	2		20
trans-1,3-Dichloropropene	99		98		70-130	1		20
1,1,2-Trichloroethane	101		101		70-130	0		20
Dibromochloromethane	101		102		63-130	1		20
1,2-Dibromoethane	100		99		70-130	1		20
2-Hexanone	70		70		57-130	0		20
Chlorobenzene	100		98		75-130	2		20
Ethylbenzene	95		94		70-130	1		20
p/m-Xylene	100		99		70-130	1		20
o-Xylene	99		98		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-23 Batch: WG806297-1 WG806297-2								
Styrene	103		101		70-130	2		20
Bromoform	104		102		54-136	2		20
Isopropylbenzene	92		89		70-130	3		20
1,1,2,2-Tetrachloroethane	98		94		67-130	4		20
1,3,5-Trimethylbenzene	93		90		64-130	3		20
1,2,4-Trimethylbenzene	92		89		70-130	3		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	96		93		70-130	3		20
1,2-Dichlorobenzene	98		93		70-130	5		20
1,2-Dibromo-3-chloropropane	86		80		41-144	7		20
1,2,4-Trichlorobenzene	92		84		70-130	9		20
Naphthalene	102		85		70-130	18		20
1,2,3-Trichlorobenzene	91		84		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		86		70-130
Toluene-d8	100		104		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	92		93		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-01
 Client ID: DP-147-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 22:52
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/24/15 08:32
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	0.11	J	mg/kg	0.14	0.034	1
Acenaphthene	0.060	J	mg/kg	0.14	0.037	1
Fluorene	0.059	J	mg/kg	0.18	0.052	1
Phenanthrene	0.58		mg/kg	0.11	0.036	1
Anthracene	0.19		mg/kg	0.11	0.030	1
Fluoranthene	0.94		mg/kg	0.11	0.033	1
Pyrene	0.92		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.55		mg/kg	0.11	0.036	1
Chrysene	0.56		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.44		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.50		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.56		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.32		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.13		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.36		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	125	Q	23-120
2-Fluorobiphenyl	108		30-120
4-Terphenyl-d14	107		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-02
 Client ID: DP-147-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/27/15 23:17
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/24/15 08:37
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.3		mg/kg	0.18	0.061	1
2-Methylnaphthalene	0.61		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.56		mg/kg	0.15	0.034	1
Acenaphthene	1.4		mg/kg	0.15	0.038	1
Fluorene	1.4		mg/kg	0.18	0.053	1
Phenanthrene	19.	E	mg/kg	0.11	0.036	1
Anthracene	4.1		mg/kg	0.11	0.031	1
Fluoranthene	21.	E	mg/kg	0.11	0.034	1
Pyrene	18.	E	mg/kg	0.11	0.036	1
Benzo(a)anthracene	11.	E	mg/kg	0.11	0.036	1
Chrysene	11.	E	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	12.	E	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	7.0		mg/kg	0.11	0.035	1
Benzo(a)pyrene	10.	E	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	5.6		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	2.7		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	6.5		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	138	Q	23-120
2-Fluorobiphenyl	117		30-120
4-Terphenyl-d14	111		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-02 D
 Client ID: DP-147-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 15:10
 Analyst: MY
 Percent Solids: 90%

Date Collected: 07/24/15 08:37
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	19.		mg/kg	1.1	0.36	10
Fluoranthene	23.		mg/kg	1.1	0.34	10
Pyrene	20.		mg/kg	1.1	0.36	10
Benzo(a)anthracene	9.4		mg/kg	1.1	0.36	10
Chrysene	10.		mg/kg	1.1	0.36	10
Benzo(b)fluoranthene	10.		mg/kg	1.1	0.37	10
Benzo(a)pyrene	8.5		mg/kg	1.5	0.45	10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-03
 Client ID: DP-147-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 15:36
 Analyst: RC
 Percent Solids: 89%

Date Collected: 07/24/15 08:38
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/28/15 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.52		mg/kg	0.11	0.036	1
Anthracene	0.10	J	mg/kg	0.11	0.031	1
Fluoranthene	0.73		mg/kg	0.11	0.034	1
Pyrene	0.63		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.29		mg/kg	0.11	0.036	1
Chrysene	0.32		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.34		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.14		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.28		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.18		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.040	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.18		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-04
 Client ID: DP-147-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:08
 Analyst: MY
 Percent Solids: 81%

Date Collected: 07/24/15 08:42
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.15		mg/kg	0.12	0.040	1
Anthracene	0.046	J	mg/kg	0.12	0.034	1
Fluoranthene	0.19		mg/kg	0.12	0.037	1
Pyrene	0.17		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.10	J	mg/kg	0.12	0.040	1
Chrysene	0.12		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.081	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.086	J	mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.10	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.057	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.077	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-05
 Client ID: DP-147-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:33
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/24/15 08:47
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	116		23-120
2-Fluorobiphenyl	104		30-120
4-Terphenyl-d14	103		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-06
 Client ID: DP-147-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:58
 Analyst: MY
 Percent Solids: 82%

Date Collected: 07/24/15 08:51
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	115		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-07 D
 Client ID: DP-148-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:24
 Analyst: MY
 Percent Solids: 91%

Date Collected: 07/24/15 09:04
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.36	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.36	0.12	2
Acenaphthylene	ND		mg/kg	0.29	0.068	2
Acenaphthene	ND		mg/kg	0.29	0.075	2
Fluorene	ND		mg/kg	0.36	0.10	2
Phenanthrene	0.30		mg/kg	0.22	0.071	2
Anthracene	0.083	J	mg/kg	0.22	0.061	2
Fluoranthene	0.64		mg/kg	0.22	0.067	2
Pyrene	0.54		mg/kg	0.22	0.071	2
Benzo(a)anthracene	0.37		mg/kg	0.22	0.071	2
Chrysene	0.38		mg/kg	0.22	0.072	2
Benzo(b)fluoranthene	0.32		mg/kg	0.22	0.074	2
Benzo(k)fluoranthene	0.32		mg/kg	0.22	0.070	2
Benzo(a)pyrene	0.38		mg/kg	0.29	0.089	2
Indeno(1,2,3-cd)pyrene	0.21	J	mg/kg	0.29	0.081	2
Dibenzo(a,h)anthracene	0.11	J	mg/kg	0.22	0.070	2
Benzo(ghi)perylene	0.23	J	mg/kg	0.29	0.076	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-08
 Client ID: DP-148-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:49
 Analyst: MY
 Percent Solids: 85%

Date Collected: 07/24/15 09:07
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	0.28		mg/kg	0.12	0.038	1
Anthracene	0.057	J	mg/kg	0.12	0.032	1
Fluoranthene	0.37		mg/kg	0.12	0.036	1
Pyrene	0.33		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.17		mg/kg	0.12	0.038	1
Chrysene	0.18		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.17		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.12		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.18		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.096	J	mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	0.046	J	mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	105		30-120
4-Terphenyl-d14	110		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-09
 Client ID: DP-148-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:14
 Analyst: MY
 Percent Solids: 81%

Date Collected: 07/24/15 09:12
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12	J	mg/kg	0.20	0.068	1
2-Methylnaphthalene	0.067	J	mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	0.10	J	mg/kg	0.16	0.038	1
Acenaphthene	0.16		mg/kg	0.16	0.042	1
Fluorene	0.23		mg/kg	0.20	0.058	1
Phenanthrene	2.1		mg/kg	0.12	0.040	1
Anthracene	0.50		mg/kg	0.12	0.034	1
Fluoranthene	2.3		mg/kg	0.12	0.037	1
Pyrene	2.0		mg/kg	0.12	0.040	1
Benzo(a)anthracene	1.0		mg/kg	0.12	0.040	1
Chrysene	1.1		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.98		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.68		mg/kg	0.12	0.039	1
Benzo(a)pyrene	1.0		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.52		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	0.23		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.72		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	129	Q	23-120
2-Fluorobiphenyl	113		30-120
4-Terphenyl-d14	109		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-10
 Client ID: DP-148-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:39
 Analyst: MY
 Percent Solids: 81%

Date Collected: 07/24/15 09:21
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-11
 Client ID: DP-148-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 03:04
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/24/15 09:25
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	108		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-12
 Client ID: DP-149-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 03:29
 Analyst: MY
 Percent Solids: 89%

Date Collected: 07/24/15 09:55
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.57		mg/kg	0.15	0.034	1
Acenaphthene	0.054	J	mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	1.0		mg/kg	0.11	0.036	1
Anthracene	0.44		mg/kg	0.11	0.031	1
Fluoranthene	3.2		mg/kg	0.11	0.034	1
Pyrene	2.7		mg/kg	0.11	0.036	1
Benzo(a)anthracene	2.0		mg/kg	0.11	0.036	1
Chrysene	1.8		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	1.8		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	1.6		mg/kg	0.11	0.035	1
Benzo(a)pyrene	1.9		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	1.0		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.43		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	1.0		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-13
Client ID: DP-149-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/28/15 03:55
Analyst: MY
Percent Solids: 90%

Date Collected: 07/24/15 09:58
Date Received: 07/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/25/15 05:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.099	J	mg/kg	0.18	0.061	1
2-Methylnaphthalene	0.070	J	mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.23		mg/kg	0.15	0.034	1
Acenaphthene	0.20		mg/kg	0.15	0.038	1
Fluorene	0.20		mg/kg	0.18	0.052	1
Phenanthrene	2.2		mg/kg	0.11	0.036	1
Anthracene	0.59		mg/kg	0.11	0.030	1
Fluoranthene	2.8		mg/kg	0.11	0.034	1
Pyrene	2.4		mg/kg	0.11	0.036	1
Benzo(a)anthracene	1.4		mg/kg	0.11	0.036	1
Chrysene	1.4		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	1.2		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	1.1		mg/kg	0.11	0.035	1
Benzo(a)pyrene	1.4		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.82		mg/kg	0.15	0.040	1
Dibenzo(a,h)anthracene	0.32		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.96		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-14
 Client ID: DP-149-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 04:20
 Analyst: MY
 Percent Solids: 82%

Date Collected: 07/24/15 10:01
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.077	J	mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	0.13	J	mg/kg	0.16	0.038	1
Acenaphthene	0.12	J	mg/kg	0.16	0.042	1
Fluorene	0.13	J	mg/kg	0.20	0.058	1
Phenanthrene	1.3		mg/kg	0.12	0.040	1
Anthracene	0.32		mg/kg	0.12	0.034	1
Fluoranthene	1.7		mg/kg	0.12	0.037	1
Pyrene	1.4		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.76		mg/kg	0.12	0.040	1
Chrysene	0.77		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.62		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.64		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.76		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.44		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	0.18		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.59		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-15
 Client ID: DP-149-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 04:45
 Analyst: MY
 Percent Solids: 83%

Date Collected: 07/24/15 10:06
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.041	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.044	J	mg/kg	0.12	0.036	1
Pyrene	0.048	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.042	J	mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-16
 Client ID: DP-149-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:18
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/24/15 10:15
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	114		30-120
4-Terphenyl-d14	124	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-17
 Client ID: DP-150-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:44
 Analyst: PS
 Percent Solids: 91%

Date Collected: 07/24/15 10:40
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	0.047	J	mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.16		mg/kg	0.11	0.035	1
Anthracene	0.049	J	mg/kg	0.11	0.030	1
Fluoranthene	0.34		mg/kg	0.11	0.033	1
Pyrene	0.34		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.19		mg/kg	0.11	0.035	1
Chrysene	0.22		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.26		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.092	J	mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.21		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.13	J	mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.035	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.14		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	109		30-120
4-Terphenyl-d14	110		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-18
 Client ID: DP-150-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:11
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/24/15 10:43
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.11		mg/kg	0.11	0.036	1
Anthracene	0.035	J	mg/kg	0.11	0.031	1
Fluoranthene	0.27		mg/kg	0.11	0.034	1
Pyrene	0.25		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.14		mg/kg	0.11	0.036	1
Chrysene	0.14		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.18		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.073	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.14	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.092	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.085	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-19
 Client ID: DP-150-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:37
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/24/15 10:45
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.039	J	mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-20
 Client ID: DP-150-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:03
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/24/15 10:50
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	106		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-21
 Client ID: DP-150-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 02:30
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/24/15 10:59
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	95		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-22
 Client ID: EB01-072415
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 05:30
 Analyst: RC

Date Collected: 07/24/15 11:30
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/25/15 05:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.0	0.33	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Acenaphthene	ND		ug/l	2.0	0.28	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Anthracene	ND		ug/l	2.0	0.20	1
Fluoranthene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.52	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Chrysene	ND		ug/l	2.0	0.30	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.43	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	88		15-120
4-Terphenyl-d14	99		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 20:21
Analyst: MY

Extraction Method: EPA 3546
Extraction Date: 07/25/15 05:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-15 Batch: WG805924-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	130	Q	23-120
2-Fluorobiphenyl	120		30-120
4-Terphenyl-d14	140	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/15 16:43
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/25/15 05:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG805925-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		15-120
4-Terphenyl-d14	81		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 20:21
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/25/15 05:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-21 Batch: WG805926-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	109		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/15 16:18
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/28/15 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG806623-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG805924-2 WG805924-3								
Naphthalene	90		114		40-140	24		50
2-Methylnaphthalene	95		118		40-140	22		50
2-Chloronaphthalene	97		122		40-140	23		50
Acenaphthylene	103		125		40-140	19		50
Acenaphthene	93		118		31-137	24		50
Fluorene	97		121		40-140	22		50
Phenanthrene	93		116		40-140	22		50
Anthracene	99		123		40-140	22		50
Fluoranthene	101		125		40-140	21		50
Pyrene	98		122		35-142	22		50
Benzo(a)anthracene	104		131		40-140	23		50
Chrysene	97		122		40-140	23		50
Benzo(b)fluoranthene	101		131		40-140	26		50
Benzo(k)fluoranthene	107		130		40-140	19		50
Benzo(a)pyrene	107		135		40-140	23		50
Indeno(1,2,3-cd)pyrene	106		136		40-140	25		50
Dibenzo(a,h)anthracene	104		132		40-140	24		50
Benzo(ghi)perylene	102		130		40-140	24		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-15 Batch: WG805924-2 WG805924-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	114		142	Q	23-120
2-Fluorobiphenyl	98		124	Q	30-120
4-Terphenyl-d14	102		126	Q	18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG805925-2 WG805925-3								
Naphthalene	72		68		40-140	6		30
2-Methylnaphthalene	79		75		40-140	5		30
2-Chloronaphthalene	81		76		40-140	6		30
Acenaphthylene	88		84		45-123	5		30
Acenaphthene	81		76		37-111	6		30
Fluorene	86		80		40-140	7		30
Phenanthrene	87		83		40-140	5		30
Anthracene	88		85		40-140	3		30
Fluoranthene	88		84		40-140	5		30
Pyrene	85		81		26-127	5		30
Benzo(a)anthracene	87		84		40-140	4		30
Chrysene	86		82		40-140	5		30
Benzo(b)fluoranthene	90		87		40-140	3		30
Benzo(k)fluoranthene	96		83		40-140	15		30
Benzo(a)pyrene	97		90		40-140	7		30
Indeno(1,2,3-cd)Pyrene	95		88		40-140	8		30
Dibenzo(a,h)anthracene	96		89		40-140	8		30
Benzo(ghi)perylene	94		86		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG805925-2 WG805925-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	88		83		23-120
2-Fluorobiphenyl	89		84		15-120
4-Terphenyl-d14	97		91		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-21 Batch: WG805926-2 WG805926-3								
Naphthalene	76		83		40-140	9		50
2-Methylnaphthalene	78		87		40-140	11		50
2-Chloronaphthalene	81		92		40-140	13		50
Acenaphthylene	85		98		40-140	14		50
Acenaphthene	80		89		31-137	11		50
Fluorene	84		93		40-140	10		50
Phenanthrene	83		90		40-140	8		50
Anthracene	88		96		40-140	9		50
Fluoranthene	86		92		40-140	7		50
Pyrene	86		92		35-142	7		50
Benzo(a)anthracene	82		90		40-140	9		50
Chrysene	80		87		40-140	8		50
Benzo(b)fluoranthene	77		86		40-140	11		50
Benzo(k)fluoranthene	81		91		40-140	12		50
Benzo(a)pyrene	81		90		40-140	11		50
Indeno(1,2,3-cd)pyrene	82		88		40-140	7		50
Dibenzo(a,h)anthracene	81		87		40-140	7		50
Benzo(ghi)perylene	80		86		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-21 Batch: WG805926-2 WG805926-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	84		87		23-120
2-Fluorobiphenyl	87		97		30-120
4-Terphenyl-d14	92		98		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806623-2 WG806623-3								
Naphthalene	65		58		40-140	11		50
2-Methylnaphthalene	71		62		40-140	14		50
2-Chloronaphthalene	73		64		40-140	13		50
Acenaphthylene	78		67		40-140	15		50
Acenaphthene	70		61		31-137	14		50
Fluorene	76		66		40-140	14		50
Phenanthrene	73		65		40-140	12		50
Anthracene	79		70		40-140	12		50
Fluoranthene	82		71		40-140	14		50
Pyrene	82		70		35-142	16		50
Benzo(a)anthracene	74		65		40-140	13		50
Chrysene	73		64		40-140	13		50
Benzo(b)fluoranthene	71		63		40-140	12		50
Benzo(k)fluoranthene	70		61		40-140	14		50
Benzo(a)pyrene	73		64		40-140	13		50
Indeno(1,2,3-cd)pyrene	73		64		40-140	13		50
Dibenzo(a,h)anthracene	72		63		40-140	13		50
Benzo(ghi)perylene	70		61		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806623-2 WG806623-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	69		62		23-120
2-Fluorobiphenyl	80		72		30-120
4-Terphenyl-d14	92		83		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-01
 Client ID: DP-147-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:17
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/24/15 08:32
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-01 D
 Client ID: DP-147-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:18
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/24/15 08:32
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1550		mg/kg	174	19.4	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-02
 Client ID: DP-147-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 23:36
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/24/15 08:37
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517347**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517347-02 D

Date Collected: 07/24/15 08:37

Client ID: DP-147-SO-050-01

Date Received: 07/24/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/25/15 07:07

Analytical Date: 07/27/15 23:36

Analyst: AR

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	639.		mg/kg	72.9	8.14	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-03
 Client ID: DP-147-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 15:58
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/24/15 08:38
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	52.8		mg/kg	36.2	4.04	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-03
 Client ID: DP-147-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 01:33
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/24/15 08:38
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-04
 Client ID: DP-147-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 16:31
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/24/15 08:42
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	232.		mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-04
 Client ID: DP-147-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:12
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/24/15 08:42
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-05
 Client ID: DP-147-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:44
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/24/15 08:47
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-05
 Client ID: DP-147-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 02:52
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/24/15 08:47
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-06
 Client ID: DP-147-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:16
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/24/15 08:51
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.6	4.31	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517347**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517347-06
Client ID: DP-147-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 03:31
Analyst: BS
Percent Solids: 82%

Date Collected: 07/24/15 08:51
Date Received: 07/24/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.058	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-07
 Client ID: DP-148-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 04:10
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/24/15 09:04
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.4	0.046	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-07 D
 Client ID: DP-148-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 01:46
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/24/15 09:04
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	835.		mg/kg	178	19.9	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-08
 Client ID: DP-148-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 17:36
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/24/15 09:07
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	20.7	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-08
 Client ID: DP-148-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 04:49
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/24/15 09:07
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-09
 Client ID: DP-148-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 05:28
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/24/15 09:12
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT**Lab Number:** L1517347**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517347-09 D
Client ID: DP-148-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 01:13
Analyst: AR
Percent Solids: 81%

Date Collected: 07/24/15 09:12
Date Received: 07/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	532.		mg/kg	78.5	8.76	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-10
 Client ID: DP-148-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:11
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/24/15 09:21
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.9	4.34	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-10
 Client ID: DP-148-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 06:08
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/24/15 09:21
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-11
 Client ID: DP-148-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:49
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/24/15 09:25
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.1	4.26	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-11
 Client ID: DP-148-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 06:47
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/24/15 09:25
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.5	0.048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-12
 Client ID: DP-149-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 21:59
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/24/15 09:55
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	203.		mg/kg	35.1	3.91	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-12
 Client ID: DP-149-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 07:26
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/24/15 09:55
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-13
 Client ID: DP-149-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 22:31
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/24/15 09:58
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	241.		mg/kg	36.5	4.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-13
 Client ID: DP-149-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 08:06
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/24/15 09:58
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-14
 Client ID: DP-149-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 17:03
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/24/15 10:01
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	88.8		mg/kg	40.3	4.50	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-14
 Client ID: DP-149-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 03:41
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/24/15 10:01
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.049	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-15
 Client ID: DP-149-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:21
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/24/15 10:06
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.1	4.36	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-15
 Client ID: DP-149-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 05:42
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/24/15 10:06
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-16
 Client ID: DP-149-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:49
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/24/15 10:15
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	16.0	J	mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517347**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517347-16
Client ID: DP-149-SO-300-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 06:22
Analyst: BS
Percent Solids: 84%

Date Collected: 07/24/15 10:15
Date Received: 07/24/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-17
 Client ID: DP-150-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 07:02
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/24/15 10:40
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-17 D
 Client ID: DP-150-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 06:05
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/24/15 10:40
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	446.		mg/kg	71.4	7.97	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-18
 Client ID: DP-150-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 18:11
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/24/15 10:43
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	67.5		mg/kg	37.3	4.17	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT**Lab Number:** L1517347**Project Number:** 40223-002**Report Date:** 07/28/15**SAMPLE RESULTS**

Lab ID: L1517347-18
Client ID: DP-150-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 07:43
Analyst: BS
Percent Solids: 89%

Date Collected: 07/24/15 10:43
Date Received: 07/24/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.4	0.045	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-19
 Client ID: DP-150-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 19:16
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/24/15 10:45
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	130.		mg/kg	37.6	4.20	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-19
 Client ID: DP-150-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 08:23
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/24/15 10:45
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	84		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-20
 Client ID: DP-150-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:21
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/24/15 10:50
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	8.20	J	mg/kg	39.0	4.35	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-20
 Client ID: DP-150-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 09:03
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/24/15 10:50
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-21
 Client ID: DP-150-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 20:54
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/24/15 10:59
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	39.4	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-21
 Client ID: DP-150-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 09:44
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/24/15 10:59
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-22
 Client ID: EB01-072415
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/27/15 15:58
 Analyst: AR

Date Collected: 07/24/15 11:30
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/25/15 06:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	107	J	ug/l	500	21.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-22
 Client ID: EB01-072415
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/28/15 03:00
 Analyst: BS

Date Collected: 07/24/15 11:30
 Date Received: 07/24/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/l	50	3.0	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 10:42
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/25/15 06:31

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 22 Batch: WG805932-1					
Total Petroleum Hydrocarbons (C9-C44)	128	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:20
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/25/15 07:07

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-15 Batch: WG805936-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.2	3.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 16:31
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/25/15 07:11

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 16-21 Batch: WG805938-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.2	3.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 02:20
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 22 Batch: WG806187-14					
Gasoline Range Organics	ND		ug/l	50	3.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 22:56
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02-13 Batch: WG806651-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/27/15 14:12
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG806657-3					
Gasoline Range Organics	1.5	J	mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	87		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/28/15 02:20
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 14-21 Batch: WG806659-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	88		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 22 Batch: WG805932-2								
Total Petroleum Hydrocarbons (C9-C44)	90		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-15 Batch: WG805936-2								
Total Petroleum Hydrocarbons (C9-C44)	105		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	73				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 16-21 Batch: WG805938-2								
Total Petroleum Hydrocarbons (C9-C44)	110		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	78				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 22 Batch: WG806187-12 WG806187-13								
Gasoline Range Organics	86		87		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	92		92		70-130
4-Bromofluorobenzene	89		88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 Batch: WG806651-1 WG806651-2								
Gasoline Range Organics	93		92		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		101		70-130
4-Bromofluorobenzene	110		107		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG806657-1 WG806657-2								
Gasoline Range Organics	85		91		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	101		99		70-130
4-Bromofluorobenzene	92		94		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-21 Batch: WG806659-1 WG806659-2								
Gasoline Range Organics	86		87		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	92		92		70-130
4-Bromofluorobenzene	89		88		70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 22 QC Batch ID: WG806187-5 QC Sample: L1515003-74 Client ID: MS Sample												
Gasoline Range Organics	ND	400	380	94		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	95				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG806651-5 QC Sample: L1517347-02 Client ID: DP-147-SO-050-01												
Gasoline Range Organics	ND	22.3	20	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	104				70-130
4-Bromofluorobenzene	107				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG806657-5 QC Sample: L1516980-37 Client ID: MS Sample												
Gasoline Range Organics	1.5J	19.4	17	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	95				70-130
4-Bromofluorobenzene	77				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-21 QC Batch ID: WG806659-5 QC Sample: L1517347-14 Client ID: DP-149-SO-100-01												
Gasoline Range Organics	ND	20.3	18	89		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	93				70-130
4-Bromofluorobenzene	78				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 22 QC Batch ID: WG805932-3 QC Sample: L1517347-22 Client ID: EB01-072415						

Total Petroleum Hydrocarbons (C9-C44)	107.J	134J	ug/l	NC		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		86		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG805936-3 QC Sample: L1517347-03 Client ID: DP-147-SO-050-02						
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Total Petroleum Hydrocarbons (C9-C44)	52.8	48.5	mg/kg	8		40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		80		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 16-21 QC Batch ID: WG805938-3 QC Sample: L1517347-19 Client ID: DP-150-SO-100-01					
Total Petroleum Hydrocarbons (C9-C44)	130	78.0	mg/kg	50	Q 40

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
o-Terphenyl	88	82	40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 22 QC Batch ID: WG806187-4 QC Sample: L1515003-74 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		99		70-130
4-Bromofluorobenzene	91		95		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-13 QC Batch ID: WG806651-4 QC Sample: L1517347-02 Client ID: DP-147-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		102		70-130
4-Bromofluorobenzene	103		107		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG806657-4 QC Sample: L1516980-37 Client ID: DUP Sample					
Gasoline Range Organics	1.5J	1.8J	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		99		70-130
4-Bromofluorobenzene	80		82		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 14-21 QC Batch ID: WG806659-4 QC Sample: L1517347-14 Client ID: DP-149-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		87		70-130
4-Bromofluorobenzene	76		78		70-130

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-01
 Client ID: DP-147-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:32
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-02
 Client ID: DP-147-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:37
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-03
 Client ID: DP-147-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:38
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-04
 Client ID: DP-147-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:42
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-05
 Client ID: DP-147-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:47
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-06
 Client ID: DP-147-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 08:51
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-07
 Client ID: DP-148-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:04
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-08
 Client ID: DP-148-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:07
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-09
 Client ID: DP-148-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:12
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-10
 Client ID: DP-148-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:21
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-11
Client ID: DP-148-SO-300-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/24/15 09:25
Date Received: 07/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-12
 Client ID: DP-149-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:55
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-13
 Client ID: DP-149-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 09:58
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-14
Client ID: DP-149-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/24/15 10:01
Date Received: 07/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-15
 Client ID: DP-149-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:06
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-16
 Client ID: DP-149-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:15
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-17
 Client ID: DP-150-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:40
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-18
 Client ID: DP-150-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:43
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-19
 Client ID: DP-150-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:45
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-20
 Client ID: DP-150-SO-200-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:50
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/25/15 13:58	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1517347

Project Number: 40223-002

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517347-21
 Client ID: DP-150-SO-300-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/24/15 10:59
 Date Received: 07/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	07/25/15 13:33	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 21 QC Batch ID: WG805985-1 QC Sample: L1517263-01 Client ID: DUP Sample						
Solids, Total	96.2	96.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG805989-1 QC Sample: L1517347-01 Client ID: DP-147-SO-010-01						
Solids, Total	91.2	90.4	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517347-01A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-01A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-01B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-02A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-02A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-02B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-03A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-03A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-03B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-04A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-04A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-04B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-05A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-05A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-05B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-06A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-06A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-06B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517347-07A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-07A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-07B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-08A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-08A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-08B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-09A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-09A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-09B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-10A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-10A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-10B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-11A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-11A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-11B	Glass 250ml/8oz unpreserved	C	N/A	4.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-12A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-12A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-12B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-13A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-13A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-13B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-14A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-14A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-14B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-15A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-15A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-15B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-16A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517347

Report Date: 07/28/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517347-16A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-16B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-17A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-17A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-17B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-18A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-18A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-18B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-19A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-19A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-19B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-20A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-20A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-20B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-21A	Vial Large Septa unpreserved (4o	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1517347-21A9	Vial MeOH preserved split	B	N/A	2.0	Y	Absent	PA-TPH-GRO(14)
L1517347-21B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1517347-22A	Vial HCl preserved	A	N/A	2.8	Y	Absent	PA-8260(14)
L1517347-22B	Vial HCl preserved	A	N/A	2.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1517347-22C	Vial HCl preserved	A	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1517347-22D	Amber 1000ml unpreserved	A	7	2.8	Y	Absent	PA-8270(7)
L1517347-22E	Amber 1000ml unpreserved	A	7	2.8	Y	Absent	PA-8270(7)
L1517347-22F	Amber 1000ml unpreserved	A	7	2.8	Y	Absent	PA-TPH-DROD-C44(7)
L1517347-22G	Plastic 250ml HNO3 preserved	A	<2	2.8	Y	Absent	HOLD-METAL(180)
L1517347-23A	Vial HCl preserved	A	N/A	2.8	Y	Absent	PA-8260(14)
L1517347-23B	Vial HCl preserved	A	N/A	2.8	Y	Absent	PA-8260(14)
L1517347-25A	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	HOLD()
L1517347-25B	Glass 250ml/8oz unpreserved	D	N/A	3.9	Y	Absent	HOLD()

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517347
Report Date: 07/28/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



WESTBORO, MA
 TEL: 508-898-9220
 FAX: 508-898-9193

MANSFIELD, MA
 TEL: 508-822-9300
 FAX: 508-822-3288

CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 7/25/15

ALPHA Job #: L1517347

Report Information - Data Deliverables

- FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
2 day

Date Due: 7/28 Time:

Client Information

Client: Haley + Aldrich
 Address: 5333 Mission Center Rd
San Diego, CA 92108
 Phone: 619-285-7122

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1-4oz for VOC

ANALYSIS TPH (6-14 (BOIS)) PAH (B27OC) VOC	SAMPLE HANDLING		TOTAL # BOTTLES
	Filtration _____ <input type="checkbox"/> Done <input type="checkbox"/> Not needed <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please specify below)		
Sample Specific Comments			

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials			Sample Specific Comments	
		Date	Time						
17347-01	DP-147-SO-010-01	7/24	0822	SO	MK	X	X		2
-02	DP-147-SO-030-01		0837			X	X		2
-03	DP-147-SO-050-02		0838			X	X		2
-04	DP-147-SO-100-01		0842			X	X		2
-05	DP-147-SO-200-01		0847			X	X		2
-06	DP-147-SO-300-01		0851			X	X		2
-07	DP-148-SO-010-01		0904			X	X		2
-08	DP-148-SO-030-01		0907			X	X		2
-09	DP-148-SO-100-01		0912			X	X		2
-10	DP-148-SO-200-01	✓	0921	✓	✓	X	X		2

Container Type
 Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/24/15 15:00	<i>[Signature]</i>	7/24/15 15:00
<i>[Signature]</i>	7/25/15	<i>[Signature]</i>	7/24/15 18:54
<i>[Signature]</i>	7/24/15 22:15	<i>[Signature]</i>	07/24 22:15
<i>[Signature]</i>	7/25/15 03:50	<i>[Signature]</i>	7/25/15 03:50

CHAIN OF CUSTODY

PAGE 2 OF 3



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/25/15

ALPHA Job #: L1517347

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: d.kennard@haleyaldrich.com

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 2 day

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1x4oz For VOC

ANALYSIS

TPH (6-144 (6/15))

TAH (82700)

VOC

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time						
17347-11	DP-148-50-300-01	7/24	0955	SO	MK	X	X		2
-12	DP-149-50-010-01		0955			X	X		2
-13	DP-149-50-050-01		0958			X	X		2
-14	DP-149-50-100-01		1001			X	X		2
-15	DP-149-50-200-01		1006			X	X		2
-16	DP-149-50-300-01		1015			X	X		2
-17	DP-150-50-010-01		1040			X	X		2
-18	DP-150-50-050-01		1043			X	X		2
-19	DP-150-50-100-01		1045			X	X		2
-20	DP-150-50-200-01		1050			X	X		2

Container Type			
Preservative			
Relinquished By:	Date/Time	Received By:	Date/Time
<u>Margaret J...</u>	<u>7/24/15 15:00</u>	<u>AKL J...</u>	<u>7/24/15 15:00</u>
<u>Ch...</u>	<u>7/24/15</u>	<u>Ch...</u>	<u>7/24/15 18:54</u>
<u>R. F...</u>	<u>7/24/15 22:15</u>	<u>R. F...</u>	<u>7/24 22:15</u>
	<u>7/24/15 02:50</u>		<u>7/24/15 02:50</u>

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

CHAIN OF CUSTODY

PAGE 3 OF 3



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/25/15

ALPHA Job #: L1517347

Client Information
Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information
Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables
 FAX EMAIL
 ADEx Add'l Deliverables

Billing Information
 Same as Client info PO #:

Regulatory Requirements/Report Limits
State /Fed Program Criteria

Turn-Around Time
 Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/26 Time:

ANALYSIS

TPH 66-644 (8016)

PAH (8270C)

VOC

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1-4oz For VOC

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis					Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			TPH 66-644 (8016)	PAH (8270C)	VOC	Other	Other			Other
17347-21	DP-150-SO-300-01	7/24	1059	SO	MK	X	X						2
-22	EBO1-072415	↓	1130	W	↓	X	X	X					7
-23	TBO1-072415	↓	1140	↓	↓			X					2
-24	DRUM07-072415	↓	1236	SO	↓								2
-25	DRUM06-072415	↓	1415	↓	↓								2

} Analyses TBD - Dana Kennard will contact you with details

	Container Type	Preservative			
Relinquished By:	Date/Time	Received By:	Date/Time		
<u>Morgan Davis</u>	<u>7/24/15 15:00</u>	<u>AAC TWA</u>	<u>7/24/15 15:00</u>		
<u>Clark</u>	<u>7/24/15</u>	<u>Clark</u>	<u>7/24/15 18:54</u>		
<u>R. F. B. B. B.</u>	<u>7/25/15 12:00</u>	<u>R. F. B. B. B.</u>	<u>7/25/15 03:50</u>		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Date: 7-24-13

Alpha Analytical Lab

Cell: 201-945-3194

John Wright

Client	City	Time	PU	DO	# of <i>Cola</i>	ICE & TB?	# of COC's
Haley & Aldrich Inc	Washington DC	15:30 - 16:00	X		4	ICE	3
Civil site Eng.	Franklinville NJ	11:00 - 17:00	Y	X	1	ICE	1
Alpha Analytical	Toolmes PA	10:00 - 17:00	X		1	ICE	1



ANALYTICAL REPORT

Lab Number:	L1517419
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/28/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517419-01	DP-104-SO-010-01	SOIL	Not Specified	07/17/15 11:20	07/17/15
L1517419-02	DP-105-SO-050-01	SOIL	Not Specified	07/17/15 12:50	07/17/15
L1517419-03	DP-105-SO-100-01	SOIL	Not Specified	07/17/15 13:05	07/17/15
L1517419-04	DP-106-SO-010-01	SOIL	Not Specified	07/17/15 14:10	07/17/15
L1517419-05	DP-100-SO-010-01	SOIL	Not Specified	07/17/15 15:40	07/17/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics


L1517419-03: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1517419-05: The sample has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/28/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-03 D
 Client ID: DP-105-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/28/15 10:07
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/17/15 13:05
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.59	0.011	50
Chloromethane	ND		mg/kg	0.30	0.017	50
Vinyl chloride	ND		mg/kg	0.12	0.0070	50
Bromomethane	ND		mg/kg	0.12	0.020	50
Chloroethane	ND		mg/kg	0.12	0.019	50
Trichlorofluoromethane	ND		mg/kg	0.30	0.023	50
1,1-Dichloroethene	ND		mg/kg	0.059	0.016	50
Carbon disulfide	ND		mg/kg	0.59	0.065	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	1.2	0.016	50
Methylene chloride	ND		mg/kg	0.30	0.065	50
Acetone	ND		mg/kg	2.1	0.061	50
trans-1,2-Dichloroethene	ND		mg/kg	0.089	0.012	50
Methyl Acetate	ND		mg/kg	0.24	0.016	50
Methyl tert butyl ether	ND		mg/kg	0.12	0.0050	50
1,1-Dichloroethane	ND		mg/kg	0.089	0.0051	50
cis-1,2-Dichloroethene	ND		mg/kg	0.059	0.0084	50
1,2-Dichloroethene, Total	ND		mg/kg	0.059	0.0084	50
Cyclohexane	ND		mg/kg	1.2	0.0086	50
Bromochloromethane	ND		mg/kg	0.30	0.016	50
Chloroform	ND		mg/kg	0.089	0.022	50
Carbon tetrachloride	ND		mg/kg	0.059	0.012	50
1,1,1-Trichloroethane	ND		mg/kg	0.059	0.0066	50
2-Butanone	ND		mg/kg	0.59	0.016	50
Benzene	ND		mg/kg	0.059	0.0070	50
1,2-Dichloroethane	ND		mg/kg	0.059	0.0067	50
Methyl cyclohexane	ND		mg/kg	0.24	0.0092	50
Trichloroethene	ND		mg/kg	0.059	0.0074	50
1,2-Dichloropropane	ND		mg/kg	0.21	0.014	50
Bromodichloromethane	ND		mg/kg	0.059	0.010	50
1,4-Dioxane	ND		mg/kg	5.9	0.85	50

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-03 D
Client ID: DP-105-SO-100-01
Sample Location: Not Specified

Date Collected: 07/17/15 13:05
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
cis-1,3-Dichloropropene	ND		mg/kg	0.059	0.0070	50
Toluene	ND		mg/kg	0.089	0.012	50
4-Methyl-2-pentanone	ND		mg/kg	0.59	0.014	50
Tetrachloroethene	ND		mg/kg	0.059	0.0083	50
trans-1,3-Dichloropropene	ND		mg/kg	0.059	0.0072	50
1,3-Dichloropropene, Total	ND		mg/kg	0.059	0.0070	50
1,1,2-Trichloroethane	ND		mg/kg	0.089	0.018	50
Dibromochloromethane	ND		mg/kg	0.059	0.0091	50
1,2-Dibromoethane	ND		mg/kg	0.24	0.010	50
2-Hexanone	ND		mg/kg	0.59	0.039	50
Chlorobenzene	ND		mg/kg	0.059	0.021	50
Ethylbenzene	ND		mg/kg	0.059	0.0075	50
p/m-Xylene	ND		mg/kg	0.12	0.012	50
o-Xylene	ND		mg/kg	0.12	0.010	50
Xylenes, Total	ND		mg/kg	0.12	0.010	50
Styrene	ND		mg/kg	0.12	0.024	50
Bromoform	ND		mg/kg	0.24	0.014	50
Isopropylbenzene	ND		mg/kg	0.059	0.0061	50
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.059	0.0060	50
1,3-Dichlorobenzene	ND		mg/kg	0.30	0.0080	50
1,4-Dichlorobenzene	ND		mg/kg	0.30	0.0082	50
1,2-Dichlorobenzene	ND		mg/kg	0.30	0.0091	50
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.30	0.023	50
1,2,4-Trichlorobenzene	ND		mg/kg	0.30	0.011	50
1,2,3-Trichlorobenzene	ND		mg/kg	0.30	0.0087	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	113		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/28/15 09:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG806536-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	ND		mg/kg	0.0050	0.00029
Vinyl chloride	ND		mg/kg	0.0020	0.00012
Bromomethane	ND		mg/kg	0.0020	0.00034
Chloroethane	ND		mg/kg	0.0020	0.00032
Trichlorofluoromethane	ND		mg/kg	0.0050	0.00039
1,1-Dichloroethene	ND		mg/kg	0.0010	0.00026
Carbon disulfide	ND		mg/kg	0.010	0.0011
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.020	0.00027
Acrolein	ND		mg/kg	0.025	0.0081
Methylene chloride	ND		mg/kg	0.0050	0.0011
Acetone	ND		mg/kg	0.036	0.0010
trans-1,2-Dichloroethene	ND		mg/kg	0.0015	0.00021
Methyl Acetate	ND		mg/kg	0.0040	0.00027
Methyl tert butyl ether	ND		mg/kg	0.0020	0.00008
1,1-Dichloroethane	ND		mg/kg	0.0015	0.00008
Acrylonitrile	ND		mg/kg	0.0040	0.00051
cis-1,2-Dichloroethene	ND		mg/kg	0.0010	0.00014
1,2-Dichloroethene (total)	ND		mg/kg	0.0010	0.00014
2,2-Dichloropropane	ND		mg/kg	0.0050	0.00023
Cyclohexane	ND		mg/kg	0.020	0.00015
Bromochloromethane	ND		mg/kg	0.0050	0.00028
Chloroform	ND		mg/kg	0.0015	0.00037
Carbon tetrachloride	ND		mg/kg	0.0010	0.00021
1,1,1-Trichloroethane	ND		mg/kg	0.0010	0.00011
2-Butanone	ND		mg/kg	0.010	0.00027
1,1-Dichloropropene	ND		mg/kg	0.0050	0.00014
Benzene	ND		mg/kg	0.0010	0.00012
1,2-Dichloroethane	ND		mg/kg	0.0010	0.00011

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/28/15 09:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG806536-3					
Methyl cyclohexane	ND		mg/kg	0.0040	0.00015
Trichloroethene	ND		mg/kg	0.0010	0.00012
1,2-Dichloropropane	ND		mg/kg	0.0035	0.00023
Bromodichloromethane	ND		mg/kg	0.0010	0.00017
1,4-Dioxane	ND		mg/kg	0.10	0.014
2-Chloroethylvinyl ether	ND		mg/kg	0.020	0.00062
cis-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
Toluene	ND		mg/kg	0.0015	0.00019
4-Methyl-2-pentanone	ND		mg/kg	0.010	0.00024
Tetrachloroethene	ND		mg/kg	0.0010	0.00014
trans-1,3-Dichloropropene	ND		mg/kg	0.0010	0.00012
1,3-Dichloropropene, Total	ND		mg/kg	0.0010	0.00012
1,1,2-Trichloroethane	ND		mg/kg	0.0015	0.00030
Dibromochloromethane	ND		mg/kg	0.0010	0.00015
1,3-Dichloropropane	ND		mg/kg	0.0050	0.00014
1,2-Dibromoethane	ND		mg/kg	0.0040	0.00017
2-Hexanone	ND		mg/kg	0.010	0.00067
Chlorobenzene	ND		mg/kg	0.0010	0.00035
Ethylbenzene	ND		mg/kg	0.0010	0.00013
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00032
p/m-Xylene	ND		mg/kg	0.0020	0.00020
o-Xylene	ND		mg/kg	0.0020	0.00017
Xylene (Total)	ND		mg/kg	0.0020	0.00017
Styrene	ND		mg/kg	0.0020	0.00040
Bromoform	ND		mg/kg	0.0040	0.00024
Isopropylbenzene	ND		mg/kg	0.0010	0.00010
Bromobenzene	ND		mg/kg	0.0050	0.00021
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0010	0.00010
o-Chlorotoluene	ND		mg/kg	0.0050	0.00016

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/28/15 09:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG806536-3					
1,3,5-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichloropropane	ND		mg/kg	0.010	0.00016
p-Chlorotoluene	ND		mg/kg	0.0050	0.00013
tert-Butylbenzene	ND		mg/kg	0.0050	0.00014
1,2,4-Trimethylbenzene	ND		mg/kg	0.0050	0.00014
sec-Butylbenzene	ND		mg/kg	0.0010	0.00012
p-Isopropyltoluene	ND		mg/kg	0.0010	0.00012
1,3-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
1,4-Dichlorobenzene	ND		mg/kg	0.0050	0.00014
n-Butylbenzene	ND		mg/kg	0.0010	0.00011
1,2-Dichlorobenzene	ND		mg/kg	0.0050	0.00015
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0050	0.00040
Hexachlorobutadiene	ND		mg/kg	0.0050	0.00023
1,2,4-Trichlorobenzene	ND		mg/kg	0.0050	0.00018
Naphthalene	ND		mg/kg	0.0050	0.00014
1,2,3-Trichlorobenzene	ND		mg/kg	0.0050	0.00015
tert-Butyl Alcohol	ND		mg/kg	0.10	0.0029
Tertiary-Amyl Methyl Ether	ND		mg/kg	0.0040	0.00009
Isopropyl Ether	ND		mg/kg	0.0040	0.00014

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	79		70-130
Dibromofluoromethane	116		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806536-1 WG806536-2								
Dichlorodifluoromethane	90		82		30-146	9		30
Chloromethane	97		88		52-130	10		30
Vinyl chloride	94		88		67-130	7		30
Bromomethane	144		131		57-147	9		30
Chloroethane	135		121		50-151	11		30
Trichlorofluoromethane	137		132		70-139	4		30
1,1-Dichloroethene	105		98		65-135	7		30
Carbon disulfide	88		82		59-130	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	121		109		50-139	10		30
Acrolein	62		59		51-130	5		30
Methylene chloride	105		100		70-130	5		30
Acetone	103		98		54-140	5		30
trans-1,2-Dichloroethene	104		98		70-130	6		30
Methyl Acetate	92		91		51-146	1		30
Methyl tert butyl ether	87		85		66-130	2		30
1,1-Dichloroethane	113		105		70-130	7		30
Acrylonitrile	92		91		70-130	1		30
cis-1,2-Dichloroethene	103		97		70-130	6		30
2,2-Dichloropropane	116		107		70-130	8		30
Cyclohexane	97		90		59-142	7		30
Bromochloromethane	117		113		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806536-1 WG806536-2								
Chloroform	120		112		70-130	7		30
Carbon tetrachloride	131	Q	120		70-130	9		30
1,1,1-Trichloroethane	123		114		70-130	8		30
2-Butanone	86		87		70-130	1		30
1,1-Dichloropropene	100		95		70-130	5		30
Benzene	104		98		70-130	6		30
1,2-Dichloroethane	119		115		70-130	3		30
Methyl cyclohexane	97		90		70-130	7		30
Trichloroethene	116		106		70-130	9		30
1,2-Dichloropropane	96		91		70-130	5		30
Bromodichloromethane	111		105		70-130	6		30
1,4-Dioxane	84		87		65-136	4		30
2-Chloroethylvinyl ether	68	Q	68	Q	70-130	0		30
cis-1,3-Dichloropropene	98		93		70-130	5		30
Toluene	99		93		70-130	6		30
4-Methyl-2-pentanone	69	Q	68	Q	70-130	1		30
Tetrachloroethene	109		104		70-130	5		30
trans-1,3-Dichloropropene	93		90		70-130	3		30
1,1,2-Trichloroethane	97		94		70-130	3		30
Dibromochloromethane	105		102		70-130	3		30
1,3-Dichloropropane	89		87		69-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806536-1 WG806536-2								
1,2-Dibromoethane	94		92		70-130	2		30
2-Hexanone	55	Q	55	Q	70-130	0		30
Chlorobenzene	101		96		70-130	5		30
Ethylbenzene	99		93		70-130	6		30
1,1,1,2-Tetrachloroethane	110		103		70-130	7		30
p/m-Xylene	105		99		70-130	6		30
o-Xylene	100		95		70-130	5		30
Styrene	105		99		70-130	6		30
Bromoform	94		93		70-130	1		30
Isopropylbenzene	86		81		70-130	6		30
Bromobenzene	92		88		70-130	4		30
1,1,2,2-Tetrachloroethane	81		80		70-130	1		30
o-Chlorotoluene	95		90		70-130	5		30
1,3,5-Trimethylbenzene	94		88		70-130	7		30
1,2,3-Trichloropropane	83		82		68-130	1		30
p-Chlorotoluene	90		85		70-130	6		30
tert-Butylbenzene	88		82		70-130	7		30
1,2,4-Trimethylbenzene	92		87		70-130	6		30
sec-Butylbenzene	94		89		70-130	5		30
p-Isopropyltoluene	96		90		70-130	6		30
1,3-Dichlorobenzene	101		96		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG806536-1 WG806536-2								
1,4-Dichlorobenzene	99		95		70-130	4		30
n-Butylbenzene	100		93		70-130	7		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	74		73		68-130	1		30
Hexachlorobutadiene	98		93		67-130	5		30
1,2,4-Trichlorobenzene	89		85		70-130	5		30
Naphthalene	76		75		70-130	1		30
1,2,3-Trichlorobenzene	91		90		70-130	1		30
tert-Butyl Alcohol	78		76		40-160	3		30
Tertiary-Amyl Methyl Ether	82		81		70-130	1		30
Isopropyl Ether	90		86		70-130	5		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	121		118		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	80		81		70-130
Dibromofluoromethane	119		119		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-01 D
 Client ID: DP-104-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 00:38
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/17/15 11:20
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/27/15 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12	J	mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	0.23	J	mg/kg	0.30	0.070	2
Acenaphthene	0.30		mg/kg	0.30	0.077	2
Fluorene	0.24	J	mg/kg	0.37	0.11	2
Phenanthrene	4.5		mg/kg	0.22	0.073	2
Anthracene	1.5		mg/kg	0.22	0.062	2
Fluoranthene	8.5		mg/kg	0.22	0.068	2
Pyrene	7.9		mg/kg	0.22	0.072	2
Benzo(a)anthracene	4.4		mg/kg	0.22	0.073	2
Chrysene	4.4		mg/kg	0.22	0.073	2
Benzo(b)fluoranthene	5.3		mg/kg	0.22	0.075	2
Benzo(k)fluoranthene	1.9		mg/kg	0.22	0.071	2
Benzo(a)pyrene	4.1		mg/kg	0.30	0.091	2
Indeno(1,2,3-cd)pyrene	2.8		mg/kg	0.30	0.083	2
Dibenzo(a,h)anthracene	0.65		mg/kg	0.22	0.072	2
Benzo(ghi)perylene	2.7		mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	58		30-120
4-Terphenyl-d14	52		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-02
 Client ID: DP-105-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:04
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/17/15 12:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/27/15 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	ND		mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	ND		mg/kg	0.11	0.034	1
Pyrene	ND		mg/kg	0.11	0.036	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.036	1
Chrysene	ND		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	51		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-04
 Client ID: DP-106-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:31
 Analyst: PS
 Percent Solids: 90%

Date Collected: 07/17/15 14:10
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/27/15 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	0.053	J	mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.70		mg/kg	0.11	0.035	1
Anthracene	0.21		mg/kg	0.11	0.030	1
Fluoranthene	1.3		mg/kg	0.11	0.033	1
Pyrene	1.2		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.63		mg/kg	0.11	0.036	1
Chrysene	0.66		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.72		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.27		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.55		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.35		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.093	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.34		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	52		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-05 D
 Client ID: DP-100-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 01:57
 Analyst: PS
 Percent Solids: 92%

Date Collected: 07/17/15 15:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/27/15 11:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.35	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.42	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.35	0.11	2
Acenaphthylene	0.18	J	mg/kg	0.28	0.066	2
Acenaphthene	0.22	J	mg/kg	0.28	0.072	2
Fluorene	0.17	J	mg/kg	0.35	0.10	2
Phenanthrene	2.1		mg/kg	0.21	0.068	2
Anthracene	0.70		mg/kg	0.21	0.058	2
Fluoranthene	3.5		mg/kg	0.21	0.064	2
Pyrene	3.2		mg/kg	0.21	0.068	2
Benzo(a)anthracene	1.6		mg/kg	0.21	0.069	2
Chrysene	1.7		mg/kg	0.21	0.069	2
Benzo(b)fluoranthene	1.8		mg/kg	0.21	0.071	2
Benzo(k)fluoranthene	0.80		mg/kg	0.21	0.067	2
Benzo(a)pyrene	1.5		mg/kg	0.28	0.086	2
Indeno(1,2,3-cd)pyrene	0.96		mg/kg	0.28	0.078	2
Dibenzo(a,h)anthracene	0.24		mg/kg	0.21	0.068	2
Benzo(ghi)perylene	0.90		mg/kg	0.28	0.073	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	55		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/15 20:11
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/27/15 11:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG806212-1					
Naphthalene	ND		mg/kg	0.16	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.099	0.032
Anthracene	ND		mg/kg	0.099	0.027
Fluoranthene	ND		mg/kg	0.099	0.030
Pyrene	ND		mg/kg	0.099	0.032
Benzo(a)anthracene	ND		mg/kg	0.099	0.032
Chrysene	ND		mg/kg	0.099	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.099	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.099	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517419

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG806212-2 WG806212-3								
Naphthalene	83		76		40-140	9		50
2-Methylnaphthalene	84		78		40-140	7		50
2-Chloronaphthalene	85		80		40-140	6		50
Acenaphthylene	91		84		40-140	8		50
Acenaphthene	90		84		31-137	7		50
Fluorene	92		88		40-140	4		50
Phenanthrene	90		88		40-140	2		50
Anthracene	97		94		40-140	3		50
Fluoranthene	94		90		40-140	4		50
Pyrene	94		92		35-142	2		50
Benzo(a)anthracene	89		85		40-140	5		50
Chrysene	89		87		40-140	2		50
Benzo(b)fluoranthene	82		82		40-140	0		50
Benzo(k)fluoranthene	88		81		40-140	8		50
Benzo(a)pyrene	86		82		40-140	5		50
Indeno(1,2,3-cd)pyrene	85		82		40-140	4		50
Dibenzo(a,h)anthracene	86		83		40-140	4		50
Benzo(ghi)perylene	85		82		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG806212-2 WG806212-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	76		70		23-120
2-Fluorobiphenyl	85		79		30-120
4-Terphenyl-d14	86		85		18-120

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-01
Client ID: DP-104-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 11:20
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-02
Client ID: DP-105-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 12:50
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-03
Client ID: DP-105-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 13:05
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-04
Client ID: DP-106-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 14:10
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/20/15 11:59	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517419-05
Client ID: DP-100-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 15:40
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/21/15 19:54	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG804250-1 QC Sample: L1516628-04 Client ID: DUP Sample						
Solids, Total	82.1	83.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG804737-1 QC Sample: L1516628-39 Client ID: DUP Sample						
Solids, Total	92.4	91.0	%	2		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517419

Report Date: 07/28/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

B	Absent
C	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517419-01A	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	PA-8270(14)
L1517419-02A	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	PA-8270(14)
L1517419-03A	Vial Large Septa unpreserved (4o	B	N/A	3.1	Y	Absent	PA-8260(14)
L1517419-04A	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	PA-8270(14)
L1517419-05A	Glass 250ml/8oz unpreserved	B	N/A	3.1	Y	Absent	PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517419
Report Date: 07/28/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 2 OF 4

ALPHA
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information
Client: Haley + Aldrich
Address: 5333 Mission Center Rd.
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: jkennard@haleyaldrich.com

Project Information
Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:
Turn-Around Time
 Standard RUSH (only confirmed if pre-approved)
Date Due: _____ Time: _____

Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables

Billing Information
 Same as Client info PO #:

These samples have been previously analyzed by Alpha
Other Project Specific Requirements: 17419-02 limits:
17419-01

Regulatory Requirements/Report Limits
State/Fed Program: NJ-8270
Criteria:

ANALYSIS
TPH COC PCHL (EPA 8014)

SAMPLE HANDLING
Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

NJ-8260

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments			TOTAL BOTTLED
		Date	Time						
<u>16675-11</u>	<u>DP-104-50-010-01</u>	<u>07/17/15</u>	<u>1120</u>	<u>SO</u>	<u>AE</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>2</u>
<u>12</u>	<u>DP-104-50-050-01</u>		<u>1135</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>13</u>	<u>DP-104-50-100-01</u>		<u>1200</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>14</u>	<u>DP-104-50-200-01</u>		<u>1205</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>15</u>	<u>DP-104-50-300-01</u>		<u>1225</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>16</u>	<u>DP-105-50-010-01</u>		<u>1240</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>17</u>	<u>DP-105-50-050-01</u>		<u>1250</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>2</u>
<u>18</u>	<u>DP-105-50-100-01</u>		<u>13:05</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>2</u>
<u>19</u>	<u>DP-105-50-200-01</u>		<u>1330</u>			<input checked="" type="checkbox"/>			<u>2</u>
<u>20</u>	<u>DP-105-50-300-01</u>		<u>1350</u>			<input checked="" type="checkbox"/>			<u>2</u>

17419-03

Container Type _____ Preservative _____

Relinquished By: [Signature] Date/Time: 7/17/15 15:50 Received By: [Signature] Date/Time: 7/17/15 15:51

Relinquished By: [Signature] Date/Time: 7/17/15 Received By: [Signature] Date/Time: 7/17/15 12:25

Relinquished By: [Signature] Date/Time: 7/18/15 12:35 Received By: [Signature] Date/Time: 7-18-15 12:35

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

L1517419 ER 7/27/15

CHAIN OF CUSTODY

PAGE 3 OF 4

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L1516628

ALPHA
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3286

Client Information
Client: Haley + Aldrich
Address: 5333 Mission Center Rd.
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com

Project Information
Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:
Turn-Around Time
 Standard RUSH (only cont. need if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables
 FAX EMAIL
 ADEX Add'l Deliverables

Billing Information
 Same as Client info PO #:

Regulatory Requirements/Report Limits
State /Fed Program Criteria

These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments/Detection Limits:

17419-04

ANALYSIS
T-PH C67024 (EPA 804)
PAA (EPA 8270)
VOC (8270B)

NJ-8270

SAMPLE HANDLING
Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL NUMBER OF BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis		Sample Specific Comments	
		Date	Time			T-PH	PAA		
16625-21	DP-106-50-010-01	071715	1410	SO	AF	X	X		2
22	DP-106-50-050-01		1415			X			2
23	DP-106-50-100-01		1425			X			2
24	DP-106-50-200-01		1440			X			2
25	DP-106-50-300-01		1450			X			2
26	EB01-071715		14:30	W		X	X		7
27	EB02-071715		14:15	W		X	X		7
28	TB-071715		14:55	W			X		2
29	DP-107-50-010-01		1520			X	X		2
30	DP-107-50-050-01		1525			X	X		2

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>ant...</i>	7/17/15 1530	<i>HAL...</i>	7/17/15 1530
<i>...</i>	7/17/15	<i>...</i>	7/17/15 2000
<i>...</i>	7/17/15 1735	<i>...</i>	7/18/15 1230

L1517419 ER 7/27/15

CHAIN OF CUSTODY 1 of 1

Project Information

Project Name: _____
 Project Location: _____
 Project # **40223-002**
 Project Manager: _____
 ALPHA Order #: _____
 Turn-Around Time: _____

Standard Rush

Report Information - Data Deliverables

FAX EMAIL
 JADEx ADx - Expedited

Billing Information

General Contract # _____

Regulatory Requirements/Report Limits

State of Program: _____
 Criteria: _____

Client Information

Client: **Haley + Aldrich**
 Address: **5333 Mission Circle**
Rt. 200, San Diego, CA 92108
 Phone: **619-285-7122**

Analyst
 Name: **Kenneth M. Winkler**

Other Project Specific Requirements/Comments/Detection Limits:

17419-05

ALPHA Job # L1517419

7/17/15

NJ-8270

Alpha Lab #	Sample ID	Collection		Sample Matrix	Sample Incon.	Analysis		Sample Specific Comments
		Date	Time			TPH	PHS	
106228-39	DP-00-50-010-01	7/16/15	1540	SO	AT	X	X	
40	DP-100-50-050-01		1545			X		2
41	DP-00-50-100-01		1555 (1552)			X		2
42	DP-00-50-200-01		1600			X		2
43	DP-101-50-010-01		1605			X	X	2
44	DP-101-50-050-01		1610			X	X	2
45	DP-100-50-300-01		1615			X		2
46	DP-101-50-100-01		1620			X	X	2
47	DP-101-50-200-01		1630			X	X	1
48	DP-101-50-300-01		1640			X	X	2

Container Type
Preservative

Released By: *J. Winkler* **Date/Time:** 7/17/15 1550 **Received By:** *AAAL* **Date/Time:** 7/17/15 2000

Released By: *Charles Brown* **Date/Time:** 7/17/15 1235 **Received By:** *Charles Brown* **Date/Time:** 7/17/15 1235

Please print clearly, legibly and completely. Sampling can only be logged if and forwarded into stock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1517474
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/28/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517474-01	DP-109-SO-010-01	SOIL	Not Specified	07/20/15 07:40	07/20/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

Case Narrative (continued)

Report Submission

The project information was provided by the client.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1517474-01 has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 07/28/15

ORGANICS

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517474-01
 Client ID: DP-109-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/28/15 13:27
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/20/15 07:40
 Date Received: 07/20/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/27/15 16:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.12	J	mg/kg	0.30	0.098	1
2-Methylnaphthalene	ND		mg/kg	0.35	0.094	1
2-Chloronaphthalene	ND		mg/kg	0.30	0.096	1
Acenaphthylene	0.16	J	mg/kg	0.24	0.055	1
Acenaphthene	0.080	J	mg/kg	0.24	0.061	1
Fluorene	0.085	J	mg/kg	0.30	0.085	1
Phenanthrene	0.90		mg/kg	0.18	0.058	1
Anthracene	0.32		mg/kg	0.18	0.049	1
Fluoranthene	1.4		mg/kg	0.18	0.054	1
Pyrene	1.3		mg/kg	0.18	0.057	1
Benzo(a)anthracene	0.78		mg/kg	0.18	0.058	1
Chrysene	0.74		mg/kg	0.18	0.058	1
Benzo(b)fluoranthene	0.99		mg/kg	0.18	0.060	1
Benzo(k)fluoranthene	0.41		mg/kg	0.18	0.056	1
Benzo(a)pyrene	0.80		mg/kg	0.24	0.072	1
Indeno(1,2,3-cd)pyrene	0.50		mg/kg	0.24	0.066	1
Dibenzo(a,h)anthracene	0.16	J	mg/kg	0.18	0.057	1
Benzo(ghi)perylene	0.57		mg/kg	0.24	0.061	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/28/15 10:23
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/27/15 16:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG806369-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	89		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517474

Report Date: 07/28/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG806369-2 WG806369-3								
Naphthalene	82		82		40-140	0		50
2-Methylnaphthalene	85		84		40-140	1		50
2-Chloronaphthalene	85		83		40-140	2		50
Acenaphthylene	89		87		40-140	2		50
Acenaphthene	88		87		31-137	1		50
Fluorene	90		88		40-140	2		50
Phenanthrene	90		87		40-140	3		50
Anthracene	94		93		40-140	1		50
Fluoranthene	92		89		40-140	3		50
Pyrene	92		90		35-142	2		50
Benzo(a)anthracene	85		84		40-140	1		50
Chrysene	87		85		40-140	2		50
Benzo(b)fluoranthene	80		79		40-140	1		50
Benzo(k)fluoranthene	82		78		40-140	5		50
Benzo(a)pyrene	81		79		40-140	3		50
Indeno(1,2,3-cd)pyrene	81		80		40-140	1		50
Dibenzo(a,h)anthracene	81		80		40-140	1		50
Benzo(ghi)perylene	80		80		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517474

Report Date: 07/28/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG806369-2 WG806369-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	74		73		23-120
2-Fluorobiphenyl	81		80		30-120
4-Terphenyl-d14	80		82		18-120

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517474

Report Date: 07/28/15

SAMPLE RESULTS

Lab ID: L1517474-01
 Client ID: DP-109-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/20/15 07:40
 Date Received: 07/20/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.0		%	0.100	NA	1	-	07/21/15 20:03	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517474

Report Date: 07/28/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804740-1 QC Sample: L1516767-01 Client ID: DUP Sample						
Solids, Total	83.0	83.3	%	0		20

Project Name: BUZZARD POINT**Lab Number:** L1517474**Project Number:** 40223-002**Report Date:** 07/28/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517474-01A	Glass 250ml/8oz unpreserved	A	N/A	2.9	Y	Absent	PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517474
Report Date: 07/28/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 4Serial # **L1517474 LT 7/27/15**

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/21/15ALPHA Job #: L1516767**Client Information**

Client: HALEY & ALDRICH

Address: 5333 MISSION CENTER RD.
SAN DIEGO, CA 92108

Phone: 619-285-7122

Fax:

Email: jkennard@HALEYALDRICH.COM

These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
~~PAHs (EPA 8210 C)~~
~~PAHs (EPA 8015)~~
~~PAHs (EPA 8210 C)~~
~~PAHs (EPA 8210 C)~~

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments										TOTAL # BOTTLES				
		Date	Time																	
17474	-01 DP-109-50-010-01	07/21/15	07:40	SO	CT	X	X													2
	-02 DP-109-50-050-01		07:45			X														2
	-03 DP-109-50-100-01		07:50			X														2
	-04 DP-109-50-200-01		8:00			X														2
	-05 DP-109-50-300-01		08:05			X														2
	-06 DP-110-50-010-01		08:30			X	X	X												2
	-07 DP-110-50-050-01		08:35			X	X	X												2
	-08 DP-110-50-100-01		08:45			X	X	X												2
	-09 DP-110-50-200-01		08:50			X	X	X												2
	-10 DP-110-50-300-01		08:55			X	X	X											used 3 4 oz jars	2

Container Type

Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
C. Tschelbun	07/20/15 15:15	Christy Krueger	7/20/15
Michael AAL	7/20/15	Michael AAL	7/20/15 19:21
Michael AAL	7/21/15 10:45	Michael AAL	7/21/15 10:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1517619
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/29/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517619-01	DP-136-SO-010-01	SOIL	Not Specified	07/23/15 07:48	07/23/15
L1517619-02	DP-138-SO-100-01	SOIL	Not Specified	07/23/15 08:40	07/23/15
L1517619-03	DP-146-SO-010-01	SOIL	Not Specified	07/23/15 14:15	07/23/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L1517619-01: The sample has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/29/15

ORGANICS

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-01 D
 Client ID: DP-136-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/15 10:49
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/23/15 07:48
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/28/15 19:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	0.15	J	mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.069	2
Acenaphthene	ND		mg/kg	0.30	0.076	2
Fluorene	ND		mg/kg	0.37	0.10	2
Phenanthrene	0.11	J	mg/kg	0.22	0.072	2
Anthracene	ND		mg/kg	0.22	0.061	2
Fluoranthene	0.19	J	mg/kg	0.22	0.068	2
Pyrene	0.19	J	mg/kg	0.22	0.072	2
Benzo(a)anthracene	0.14	J	mg/kg	0.22	0.072	2
Chrysene	0.17	J	mg/kg	0.22	0.072	2
Benzo(b)fluoranthene	0.23		mg/kg	0.22	0.075	2
Benzo(k)fluoranthene	0.083	J	mg/kg	0.22	0.070	2
Benzo(a)pyrene	0.18	J	mg/kg	0.30	0.090	2
Indeno(1,2,3-cd)pyrene	0.15	J	mg/kg	0.30	0.082	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.22	0.072	2
Benzo(ghi)perylene	0.16	J	mg/kg	0.30	0.077	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT**Lab Number:** L1517619**Project Number:** 40223-002**Report Date:** 07/29/15**SAMPLE RESULTS**

Lab ID: L1517619-02 D2
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/15 13:27
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/28/15 19:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	170		mg/kg	2.9	0.96	25
Anthracene	52.		mg/kg	2.9	0.81	25
Fluoranthene	180		mg/kg	2.9	0.90	25
Pyrene	170		mg/kg	2.9	0.95	25
Benzo(a)anthracene	96.		mg/kg	2.9	0.96	25
Chrysene	100		mg/kg	2.9	0.96	25
Benzo(b)fluoranthene	98.		mg/kg	2.9	0.99	25
Benzo(a)pyrene	76.		mg/kg	3.9	1.2	25
Indeno(1,2,3-cd)pyrene	46.		mg/kg	3.9	1.1	25
Benzo(ghi)perylene	41.		mg/kg	3.9	1.0	25

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-02 D
 Client ID: DP-138-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/15 11:15
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/23/15 08:40
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/28/15 19:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	8.9		mg/kg	0.98	0.32	5
2-Methylnaphthalene	7.7		mg/kg	1.2	0.31	5
2-Chloronaphthalene	ND		mg/kg	0.98	0.32	5
Acenaphthylene	0.64	J	mg/kg	0.78	0.18	5
Acenaphthene	24.		mg/kg	0.78	0.20	5
Fluorene	23.		mg/kg	0.98	0.28	5
Phenanthrene	110	E	mg/kg	0.58	0.19	5
Anthracene	43.	E	mg/kg	0.58	0.16	5
Fluoranthene	120	E	mg/kg	0.58	0.18	5
Pyrene	110	E	mg/kg	0.58	0.19	5
Benzo(a)anthracene	97.	E	mg/kg	0.58	0.19	5
Chrysene	81.	E	mg/kg	0.58	0.19	5
Benzo(b)fluoranthene	94.	E	mg/kg	0.58	0.20	5
Benzo(k)fluoranthene	20.		mg/kg	0.58	0.19	5
Benzo(a)pyrene	67.	E	mg/kg	0.78	0.24	5
Indeno(1,2,3-cd)pyrene	47.	E	mg/kg	0.78	0.22	5
Dibenzo(a,h)anthracene	12.		mg/kg	0.58	0.19	5
Benzo(ghi)perylene	41.	E	mg/kg	0.78	0.20	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-03
 Client ID: DP-146-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/15 13:01
 Analyst: PS
 Percent Solids: 86%

Date Collected: 07/23/15 14:15
 Date Received: 07/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/28/15 19:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.038	J	mg/kg	0.11	0.037	1
Anthracene	0.048	J	mg/kg	0.11	0.032	1
Fluoranthene	0.15		mg/kg	0.11	0.035	1
Pyrene	0.15		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.088	J	mg/kg	0.11	0.037	1
Chrysene	0.13		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	0.18		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.052	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.091	J	mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.088	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.093	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/29/15 09:58
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/28/15 19:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG806795-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	82		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517619

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG806795-2 WG806795-3								
Naphthalene	68		84		40-140	21		50
2-Methylnaphthalene	70		86		40-140	21		50
2-Chloronaphthalene	70		88		40-140	23		50
Acenaphthylene	75		92		40-140	20		50
Acenaphthene	72		88		31-137	20		50
Fluorene	76		91		40-140	18		50
Phenanthrene	76		89		40-140	16		50
Anthracene	81		95		40-140	16		50
Fluoranthene	80		93		40-140	15		50
Pyrene	80		93		35-142	15		50
Benzo(a)anthracene	73		85		40-140	15		50
Chrysene	74		87		40-140	16		50
Benzo(b)fluoranthene	69		80		40-140	15		50
Benzo(k)fluoranthene	70		85		40-140	19		50
Benzo(a)pyrene	70		82		40-140	16		50
Indeno(1,2,3-cd)pyrene	68		82		40-140	19		50
Dibenzo(a,h)anthracene	70		82		40-140	16		50
Benzo(ghi)perylene	68		81		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517619

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG806795-2 WG806795-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	67		83		23-120
2-Fluorobiphenyl	73		90		30-120
4-Terphenyl-d14	78		92		18-120

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-01
Client ID: DP-136-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 07:48
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-02
Client ID: DP-138-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 08:40
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/24/15 13:09	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517619-03
Client ID: DP-146-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/23/15 14:15
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/24/15 15:02	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805769-1 QC Sample: L1517186-01 Client ID: DUP Sample						
Solids, Total	88.6	89.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG805805-1 QC Sample: L1517186-41 Client ID: DUP Sample						
Solids, Total	85.3	85.1	%	0		20

Project Name: BUZZARD POINT

Lab Number: L1517619

Project Number: 40223-002

Report Date: 07/29/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

A Absent

D Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517619-01A	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	PA-8270(14)
L1517619-02A	Glass 250ml/8oz unpreserved	D	N/A	4.0	Y	Absent	PA-8270(14)
L1517619-03A	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517619
Report Date: 07/29/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 7

ALPHA
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information
Client: Haley + A Brich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyalbrich.com

Project Information
Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Date Rec'd in Lab: 7/24/15
 FAX EMAIL
 ADEX Add'l Deliverables

ALPHA Job #: L1517186
Billing Information
 Same as Client info PO #:

Turn-Around Time
 Standard RUSH (only confirmed if pre-approved)
Date Due: 7/28 Time:

Regulatory Requirements/Report Limits
State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Hold 1-402 for VOC

ANALYSIS
TIME (10/15/15)
PAH (6/24/15)
PAH (8/27/15)

SAMPLE HANDLING
Filtration _____
 Done
 Not needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis		Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			X	X		
17186	-01 DP-136-SO-010-01	7/23	0748	SO	MK	X	X		2
17619	-02 DP-136-SO-050-01		0750			X			2
	-03 DP-136-SO-100-01		0755			X			2
	-04 DP-136-SO-200-01		0758			X			2
	-05 DP-136-SO-300-01		0800			X			2
	-06 DP-137-SO-010-01		0812			X	X		2
	-07 DP-137-SO-050-01		0815			X	X		2
	-08 DP-137-SO-100-01		0817			X	X		2
	-09 DP-137-SO-200-01		0820			X	X		2
	-10 DP-137-SO-300-01		0822			X	X		2

Container Type
Preservative

Relinquished By: C. TSC/abehn Date/Time: 07/23/15 16:00
T. W. H. 7/23/15
[Signature] 7/23/15 19:30
[Signature] 7/23/15 19:30
[Signature] 7/23/15 19:30

Received By: [Signature] Date/Time: 7/23/15 16:00
[Signature] 7/23/15 19:30
[Signature] 7/23/15 19:30
[Signature] 7/23/15 19:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

CHAIN OF CUSTODY

PAGE 2 OF 7



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517186

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
3 day

Date Due: 7/28 Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego, CA 92108

Phone: 619-285-7122

Fax:

Email: kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 1-4oz For VOL

ANALYSIS

METALS (640)

TPH (640)

PAH (8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			Metals	TPH	PAH	Other		
7186	DP-138-SO-010-01	<u>7/23</u>	<u>0835</u>	<u>SO</u>	<u>MK</u>	X	X				2
17	DP-138-SO-050-01		<u>0837</u>			X	X				2
17619-023	DP-138-SO-100-01		<u>0840</u>			X	X	X			2
14	DP-138-SO-200-01		<u>0842</u>			X	X				2
15	DP-138-SO-300-01		<u>0845</u>			X	X				2
6	DP-139-SO-010-01		<u>0851</u>			X	X				2
17	DP-139-SO-050-01		<u>0906</u>			X	X				2
18	DP-139-SO-100-01		<u>0904</u>			X	X				2
19	DP-139-SO-100-02		<u>0905</u>			X	X				2
20	DP-139-SO-200-01		<u>0908</u>			X	X				2

Container Type _____
Preservative _____

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tschobert</u>	<u>07/23/15 16:00</u>	<u>AKK</u>	<u>7/23/15 16:00</u>
<u>T. W. [unclear]</u>	<u>7/23/15</u>	<u>[unclear]</u>	<u>7/23/15 19:30</u>
<u>[unclear]</u>	<u>7/23/15 22:15</u>	<u>[unclear]</u>	<u>7/23/15 22:15</u>
<u>[unclear]</u>	<u>7/24/15 08:55</u>	<u>[unclear]</u>	<u>7/24/15 08:55</u>

CHAIN OF CUSTODY

PAGE 60 OF 7

ALPHA
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/24/15 ALPHA Job #: L1517186

Client Information
Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619 285-7122
Fax:
Email: d.kennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Project Information
Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables
 FAX EMAIL
 ADEx Add'l Deliverables

Billing Information
 Same as Client info PO #:

Turn-Around Time
 Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/30 Time:

Regulatory Requirements/Report Limits
State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
hold to 4oz for VOC

ANALYSIS
FAL-146-50-100-01
FAL-146-50-200-01
FAL-146-50-300-01
FAL-146-50-010-01
FAL-146-50-050-01
FAL-146-50-100-01
FAL-146-50-200-01
FAL-146-50-300-01
EB01-072315
TB01-072315
TB02-072315

SAMPLE HANDLING
Filtration _____
 Done
 Not needed
 Lab to do Preservation
 Lab to do
(Please specify below)
Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			FAL-146-50-100-01	FAL-146-50-200-01	FAL-146-50-300-01	FAL-146-50-010-01	FAL-146-50-050-01			FAL-146-50-100-01
17186-51	DP-145-50-200-01	7/23	1355	SG	MK	X							2
52	DP-145-50-300-01		1359			X							2
17619-0355	DP-146-50-010-01		1415			X	X						2
54	DP-146-50-050-01		1418			X							2
55	DP-146-50-100-01		1421			X							2
56	DP-146-50-200-01		1424			X							2
57	DP-146-50-300-01		1428	✓		X							2
58	EB01-072315		14:44	OV		X	X	X					7
59	TB01-072315		14:45					X					
60	TB02-072315		14:46					X					

Container Type
Preservative

Relinquished By: <u>C. Tschubert</u> <u>P. W. H.</u> <u>W. J. D.</u>	Date/Time <u>7/23/15 16:00</u> <u>7/23/15</u> <u>7/23/15 14:55</u> <u>7/24/15 02:55</u>	Received By: <u>PHL J. G.</u> <u>W. J. D.</u> <u>W. J. D.</u> <u>W. J. D.</u>	Date/Time <u>7/23/15 10:00</u> <u>7/23/15 19:30</u> <u>7/23/15 19:30</u> <u>7/24/15 02:55</u>
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Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



ANALYTICAL REPORT

Lab Number:	L1517632
Client:	Haley & Aldrich, Inc. 5333 Mission Center Rd San Diego, CA 92108
ATTN:	Dana Kennard
Phone:	(619) 285-7108
Project Name:	BUZZARD POINT
Project Number:	40223-002
Report Date:	07/29/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517632-01	DP-134-SO-010-01	SOIL	Not Specified	07/22/15 15:00	07/22/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

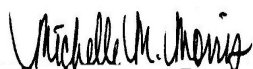
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 07/29/15

ORGANICS

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517632-01
 Client ID: DP-134-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/29/15 15:54
 Analyst: RC
 Percent Solids: 90%

Date Collected: 07/22/15 15:00
 Date Received: 07/22/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/29/15 10:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.11	J	mg/kg	0.15	0.034	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.094	J	mg/kg	0.11	0.036	1
Anthracene	0.091	J	mg/kg	0.11	0.030	1
Fluoranthene	0.24		mg/kg	0.11	0.034	1
Pyrene	0.50		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.16		mg/kg	0.11	0.036	1
Chrysene	0.24		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.15		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.21		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.13	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.050	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.17		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	53		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/29/15 14:39
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/29/15 10:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG806980-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.033
Fluorene	ND		mg/kg	0.16	0.046
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027
Fluoranthene	ND		mg/kg	0.097	0.030
Pyrene	ND		mg/kg	0.097	0.031
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.097	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.097	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.097	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517632

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG806980-2 WG806980-3								
Naphthalene	68		71		40-140	4		50
2-Methylnaphthalene	68		75		40-140	10		50
2-Chloronaphthalene	71		78		40-140	9		50
Acenaphthylene	72		80		40-140	11		50
Acenaphthene	71		79		31-137	11		50
Fluorene	74		81		40-140	9		50
Phenanthrene	79		84		40-140	6		50
Anthracene	82		87		40-140	6		50
Fluoranthene	80		85		40-140	6		50
Pyrene	81		86		35-142	6		50
Benzo(a)anthracene	78		84		40-140	7		50
Chrysene	80		86		40-140	7		50
Benzo(b)fluoranthene	74		77		40-140	4		50
Benzo(k)fluoranthene	76		84		40-140	10		50
Benzo(a)pyrene	76		80		40-140	5		50
Indeno(1,2,3-cd)pyrene	74		80		40-140	8		50
Dibenzo(a,h)anthracene	74		80		40-140	8		50
Benzo(ghi)perylene	74		78		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517632

Report Date: 07/29/15

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG806980-2 WG806980-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	68		73		23-120
2-Fluorobiphenyl	70		80		30-120
4-Terphenyl-d14	78		86		18-120

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1517632-01
Client ID: DP-134-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/22/15 15:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	07/23/15 21:01	30,2540G	RT



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517632

Report Date: 07/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG805505-1 QC Sample: L1516954-01 Client ID: DUP Sample						
Solids, Total	85.5	86.0	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1517632

Report Date: 07/29/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517632-01A	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-8270(14)
L1517632-01B	Vial Large Septa unpreserved (4o	B	N/A	2.8	Y	Absent	PA-8270(14)

Container Comments

L1517632-01A

L1517632-01B

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

Data Qualifiers

- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e., co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1517632
Report Date: 07/29/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 6 OF 7

07/23/15

L1517632 LT 7/29/15



WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name:
Project Location: 40223-002
Project #:
Project Manager:
ALPHA Quote #:

Report Information - Data Delivery

FAX EMAIL Same as client
 ADEX Add'l Deliverables

Client Information

Client: Haley & Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkennard@haleyaldrich.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: 7/28 Time: 4 day

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Mold 1- 4oz for VOC

ANALYSIS	THALPENTHS (8010)	THALC (8014)	PAH (8270C)	BTEX (8266)	VOC

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					TOTAL # BOTTLES	
		Date	Time			THALPENTHS (8010)	THALC (8014)	PAH (8270C)	BTEX (8266)	VOC		
<u>17632-01</u>	<u>DP-134-50-010-01</u>	<u>7/22</u>	<u>15:00</u>	<u>SO</u>	<u>MK</u>	X	X	X	X			3
52	DP-134-50-050-01		<u>15:05</u>			X	X		X			3
53	DP-134-50-100-01		<u>15:08</u>			X	X		X			2
54	DP-134-50-200-01		<u>15:10</u>			X	X		X			2
55	DP-134-50-300-01		<u>15:15</u>			X	X		X			2
56	EB DP-135-50-010-01		<u>15:25</u>			X	X		X			2
57	DP-135-50-050-01		<u>15:35</u>			X	X		X			2
58	<u>EB01-072215</u>		<u>16:00</u>	<u>W</u>	<u>CT</u>	X	X	X	X			7
59	<u>TB01-072215</u>		<u>16:00</u>	<u>W</u>	<u>CT</u>				X			2

Relinquished By: Jim Corley 7/23/15 0333

Container Type
Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<u>C. Tselabek</u>	<u>7/22/15 16:20</u>	<u>WAL J...</u>	<u>7/22/15 16:20</u>
<u>Jim Corley</u>	<u>7/22/15 19:40</u>	<u>David H...</u>	<u>7/22/15 19:40</u>
<u>David H...</u>	<u>7/22/15 21:25</u>	<u>Bl...</u>	<u>7/22/15 21:25</u>
	<u>7/23/15 10:40</u>		<u>7/23/15 10:40</u>

7/23/15
0333

APPENDIX B

Boring Logs

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 15 July 2015
 Finish 15 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 28	0.5 1.0	ND	0.5	SM	CONCRETE Tan to brown silty SAND, trace gravel, no odor, moist
						-FILL-
5	G2 32	4.5 5.0	ND			
				7.0	SC	Dark gray to black sandy lean CLAY, trace fine gravel, no odor, moist, trace pockets of lean clay
10	G3 36	9.5 10.0				
				12.5	ML/SM	Tan to light brown sandy SILT intermixed with silty SAND (60-40), trace sandy lean clay, no odor, moist
15	G4 60					-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 5G
			Water			Boring No. DP-095

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15



GEOPROBE REPORT

Boring No. DP-095

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0				-ALLUVIAL DEPOSITS-
25	G6					
30		29.5 30.0	ND	30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-095

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 28	0.5 1.0	ND	0.5	SM	CONCRETE Tan to gray silty SAND, trace gravel, no odor, moist
						-FILL-
5	G2 30	4.5 5.0	ND			
				7.0	SC	Dark gray sandy lean CLAY, trace gravel, no odor, moist, saturated zone from 8.5 to 12.5 ft
10	G3 52	9.5 10.0	ND			
				12.5	ML/SM	Tan to light brown sandy SILT intermixed with silty SAND (60-40), no odor, moist, trace pockets of poorly graded sand, trace minor black staining at 18.0 ft
15	G4 59					-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G	Boring No. DP-096
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			-ALLUVIAL DEPOSITS-
25	G6 60					
30		29.5 30.0	ND	30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 21	0.5 1.0			SM	Tan to gray silty SAND with gravel, musty odor, moist, black staining from 4.8 to 5.0 ft, slag in staining
						-FILL-
5	G2 26	4.5 5.0	0.3		SC	Dark gray sandy lean CLAY, musty odor, moist to wet, 5-10% pockets of silty sand, black staining at 9.8 to 10.0 ft
10	G3 39	9.5 10.0	1.8			-ALLUVIAL DEPOSITS-
15	G4 32		0.1	14.0	ML/SM	Tan to light brown sandy SILT intermixed with silty SAND (65-35), no odor, moist to wet, trace pockets of poorly graded sand
20		19.5	0.3			

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 26.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 4G
			Water			Boring No. DP-097

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 27	20.0	0.3			
25	G6 11		9.2	26.0		-ALLUVIAL DEPOSITS-
30						BOTTOM OF EXPLORATION 30.0 FT
						Note: Refusal at 26.0 ft, sample sleeve too mangled to sample.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 32	0.5 1.0		0.5	SM	CONCRETE Gray to brown silty SAND with gravel, no odor, moist
						-FILL-
5	G2 56	4.5 5.0	14.1	6.0	CL	Gray-brown to dark gray sandy lean CLAY, trace gravel, musty odor, moist to wet, black staining from 8.0 to 10.0 ft
10	G3 46	9.5 10.0	0.6	13.5	MH	Note: Thick glass fragment found at 13.5 ft. Brown to gray-brown sandy elastic SILT, no odor, moist to wet, contains mica particles
15	G4 60		0.6			-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G	Boring No. DP-098
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			
25	G6 60		0.7			-ALLUVIAL DEPOSITS- Note: Rust fragments found at 26.0 ft.
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 30	0.5 1.0	0.2		SM	Brown to gray silty SAND with gravel, musty odor, moist, contains root fragments
						-FILL-
5	G2 48	4.5 5.0	0.2	5.0	ML	Gray-brown to light gray sandy SILT, no odor, moist
10	G3 52	9.5 10.0	ND			
				13.5	ML	Gray-brown to brown sandy SILT, no odor, moist to wet, staining from 18.0 to 20.0 ft
15	G4 60		ND			-ALLUVIAL DEPOSITS-
20		19.5				Note: Decomposing roots found at 19.5 ft.

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 5G
			Water			Boring No. DP-099

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 42	0.5 1.0	ND		SM	Black to dark brown silty SAND, no odor, moist, trace asphalt in top 12 in.
						-FILL-
5	G2 24	4.5 5.0	ND			
						Note: Water first encountered at 8.5 ft.
					9.0 ML	Tan to red-brown sandy SILT, no odor, moist to wet
10	G3 60	9.5 10.0	ND			
					11.0 MH	Tan to light brown elastic SILT intermixed with lean CLAY, no odor, wet, trace sandy silt pockets
15	G4 60		ND			-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G Boring No. DP-100		
			Bottom of Casing				Bottom of Hole	Water

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 59	20.0	ND			-ALLUVIAL DEPOSITS-
25	G6 60		ND			
30		29.5 30.0		30.0		
						BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 16 July 2015
 Finish 16 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 38	0.5 1.0	ND		GM	Gray to gray-brown sandy GRAVEL with silt, no odor, dry to moist <p style="text-align: center;">-FILL-</p>
5	G2 32	4.5 5.0	ND			
10	G3 60	9.5 10.0	ND			Note: Staining at 8.0 ft. Note: Water encountered at 9.0 ft.
15	G4 60		ND	11.0	ML	Brown to gray-brown sandy SILT, no odor, moist to wet
20		19.5				-ALLUVIAL DEPOSITS- Note: Sand pockets from 18.0 to 20.0 ft.

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G	Boring No. DP-101
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE-WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			<p>-ALLUVIAL DEPOSITS-</p> <p>Note: Trace gravel from 28.0 to 30.0 ft.</p> <p>BOTTOM OF EXPLORATION 30.0 FT</p>
25	G6 60		ND			
30		29.5 30.0		30.0		

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP_003_DP_123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 55	0.5 1.0	1.4			ASPHALT
				1.0	SM	Gray-brown to red-brown silty SAND with gravel, no odor, moist to wet, contains red brick debris <p style="text-align: center;">-FILL-</p>
5	G2 20	4.5 5.0	0.6			
				11.0	ML	Note: Water encountered at 9.0 ft. Note: Minor staining at 10.0 ft. Light brown to tan sandy SILT, no odor, moist to wet, contains mica particles
10	G3 53	9.5 10.0	0.1			
15	G4 60		0.1			-ALLUVIAL DEPOSITS-
20		19.5				Note: Trace gravel from 19.0 to 30.0 ft.

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-102

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			
25	G6 60		0.1			-ALLUVIAL DEPOSITS- Note: Minor staining at 24.0 ft, trace coal particles.
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT Note: Sand pocket at 28.5 ft. Note: Hit refusal at 5.0 ft, will offset 5.0 ft north (8:15 on 7/17/15).

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15



GEOPROBE REPORT

Boring No. DP-103

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 47	0.5 1.0	1.8			ASPHALT
				1.0	SM	Gray to red-brown silty SAND with gravel, no odor, moist, contains red brick debris at 5.0 ft <p style="text-align: center;">-FILL-</p>
5	G2 28	4.5 5.0	19.4			
				11.0	ML	Tan to light brown sandy SILT, trace gravel, no odor, moist to wet <p style="text-align: center;">Note: Water first encountered at 18.5 ft.</p>
10	G3 60	9.5 10.0	ND			
				0.3		-ALLUVIAL DEPOSITS- <p style="text-align: center;">Note: Minor staining at 15.5, 20.0 and 27.5 ft on coal fragments.</p>
15	G4 60					
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 28.0	Rock Cored (ft) -
			Bottom of Casing	Bottom of Hole	Water				
									Boring No. DP-103

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			-ALLUVIAL DEPOSITS-
25	G6 12		ND			
		27.5 28.0		28.0		BOTTOM OF EXPLORATION 28.0 FT
30						Note: Hit refusal at 7.0 ft, offset ft east.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 41	0.5 1.0	ND		SM	Gray to red-brown silty SAND with gravel, no odor, moist, contains red brick debris
						-FILL-
5	G2 22	4.5 5.0	22.0			
						Note: Water first encountered at 8.5 ft.
10	G3 24	9.5 10.0	0.5	11.0	ML	Gray-brown to yellow-brown sandy SILT, no odor, moist to wet
						-ALLUVIAL DEPOSITS-
15	G4 60		2.6			
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe	
			Bottom of Casing	Bottom of Hole	Water		
							Boring No. DP-104

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	1.8			
25	G6 60		ND			Note: Minor staining at 23.0 ft. -ALLUVIAL DEPOSITS-
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 37	0.5 1.0	3.9			ASPHALT
				1.0	SM	Gray to red-brown silty SAND with gravel, no odor, moist, contains asphalt and red brick debris, and plastic -FILL-
5	G2 25	4.5 5.0	4.9			
10	G3 60	9.5 10.0	10.5			Note: Water first encountered at 9.0 ft. Note: Staining at 10.0 ft with petroleum-like odor.
				11.0	ML	Gray-brown to tan sandy SILT, trace gravel, no odor, moist to wet, contains mica particles
15	G4 60		4.8			-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary												
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod	T - Thin Wall Tube	U - Undisturbed Sample	S - Splitspoon Sample	G - Geoprobe	Riser Pipe	Screen	Filter Sand	Cuttings	Grout	Concrete	Bentonite Seal	Overburden (ft)	30.0	
			Bottom of Casing	Bottom of Hole	Water															
																			Samples	5G
Boring No. DP-105																				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	2.7			<p>-ALLUVIAL DEPOSITS-</p> <p>Note: Trace gravel from 28.0 to 30.0 ft</p> <p>BOTTOM OF EXPLORATION 30.0 FT</p>
25	G6 27		ND			
30		29.5 30.0		30.0		

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP_003_DP-123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 39	0.5 1.0		0.2	SM	ASPHALT Tan to gray silty SAND, trace gravel, no odor, moist, trace brick and concrete
						-FILL-
5	G2 15	4.5 5.0				
10	G3	9.5 10.0		ND		
15				ND	CL	Tan to light brown lean CLAY, no odor, moist, trace pockets of silt -ALLUVIAL DEPOSITS- -BOTTOM OF EXPLORATION 30.0 FT
20		19.5		5.2		

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								15.0	-
								5G	

Boring No. DP-106

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20		20.0				
25						
30		29.5 30.0		30.0		

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 17 July 2015
 Finish 17 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. A. Fleming

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1	0.5 1.0	ND		SM	Tan to dark gray silty SAND, no odor, moist, trace pockets of poorly graded sand, 5% brick, trace concrete rubble
						-FILL-
5	G2	4.5 5.0	ND			
10	G3	9.5 10.0	ND			Note: Water first encountered at 9.5 ft.
				11.0	ML	Yellow-brown to tan sandy SILT, trace gravel, no odor, moist to wet
15	G4 60		ND			-ALLUVIAL DEPOSITS-
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary												
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod	T - Thin Wall Tube	U - Undisturbed Sample	S - Splitspoon Sample	G - Geoprobe	Riser Pipe	Screen	Filter Sand	Cuttings	Grout	Concrete	Bentonite Seal	Overburden (ft)	30.0	
			Bottom of Casing	Bottom of Hole	Water															Overburden (ft)
																	Boring No. DP-107			

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND			-ALLUVIAL DEPOSITS-
25	G6 60		ND			
30		29.5 30.0		30.0		
						BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 17 July 2015
 Finish 17 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 39	0.5 1.0			SM	Tan to dark gray silty SAND, no odor, moist, trace pockets of poorly graded sand, 5% brick, trace concrete rubble
						-FILL-
5	G2 18	4.5 5.0		9.7		
10	G3 60	9.5 10.0			ND	Note: Water first encountered at 9.5 ft.
					11.0	ML Yellow-brown to tan sandy SILT, trace gravel, no odor, moist to wet
15	G4 0				ND	-ALLUVIAL DEPOSITS-
						Note: Refusal at 20.0 ft.
20						BOTTOM OF EXPLORATION 20.0 FT

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 20.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-108		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE-WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. C. Tschibelu

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 46	0.5 1.0	29		SM	Gray to gray-brown silty SAND with gravel, no odor, moist to wet
5	G2 23	4.5 5.0	27			
10	G3 50	9.5 10.0	ND			Note: Water first encountered at 9.5 ft.
15	G4 60		ND	11.0	ML	Gray-brown to red-brown sandy SILT, no odor, moist to wet Minor staining at 12.0 ft
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 5G	
						Boring No. DP-109		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	0.2			
25	G6 60		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 44	0.5 1.0	8.6		SM	Gray to gray-brown silty SAND with gravel, no odor, moist
5	G2 32	4.5 5.0	0.6	5.0	ML	Gray-brown to red sandy SILT, no odor, moist to wet
10	G3 60	9.5 10.0	3.6	10.0	ML	Red-brown sandy SILT Note: Water encountered at approximately 12.0 ft.
15	G4 60		0.7			Similar to above
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-110

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	3.2			
25	G6 60		0.9			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 38	0.5 1.0	9.4		SM	Gray to gray-brown silty SAND with gravel, no odor, moist
5	G2 31	4.5 5.0	6.8	5.0	ML	Gray sandy SILT, no odor, moist, some red brick fragments
10	G3 60	9.5 10.0	0.3		ML	Gray to red-brown sandy SILT, no odor, moist to wet (natural)
15	G4 60		0.5			
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 5G	
						Boring No. DP-111		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 0	20.0	ND			
25	G6 60		ND			Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 41	0.5 1.0	73.6		SM	Gray to gray-brown silty SAND with gravel, some diesel-like odor, dry to moist
5	G2 9	4.5 5.0	509	5.0	ML	Gray sandy SILT, some tree root matter shows staining and odor at top, moist
10	G3 60	9.5 10.0	0.3		ML	Note: Water encountered at approximately 10.0 ft. Similar to above, no root matter
15	G4 60		0.6		ML	Similar to above, gray to red-brown at 17.0 ft
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe	
			Bottom of Casing	Bottom of Hole	Water		
							Boring No. DP-112

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15



GEOPROBE REPORT

Boring No. DP-112

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5	20.0				
25	G6				ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-112

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 35	0.5	27.2		SM	Gray to gray-brown silty SAND with gravel, light odor, moist, some staining
		1.0				
5	G2 12	4.5	130	5.0	ML	Gray sandy SILT, moist, some staining
		5.0				
10	G3 36	9.5	12.1		ML	Similar to above, red-brown layer of brick at 10.0 ft, no odor or staining, moist to wet
		10.0				
15	G4 60		3.0			Note: Water encountered at approximately 12.0 ft.
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 5G	
						Boring No. DP-113		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 48	20.0	3.0			
25	G6		2.4		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 20 July 2015
 Finish 20 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 48	0.5 1.0	ND		SM	Gray to red-brown silty SAND with gravel, no odor, moist, layers of red brick (approximately 14 in. thick at bottom)
5	G2 46	4.5 5.0	ND	5.0	ML	Gray to gray-brown sandy SILT, no odor, moist to wet
10	G3 37	9.5 10.0	ND		ML	Brown sandy SILT, no odor, wet
15	G4 60		0.9		ML	Similar to above
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								30.0	-
								5G	

Boring No. DP-114

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 16	20.0	ND			
25	G6 60		ND		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 43	0.5 1.0	52.4		SM	Gray to red-brown silty SAND with gravel, light odor, moist, some brick debris
5	G2 41	4.5 5.0	13.9	7.5	ML	Gray to reddish-brown sandy SILT, no odor, moist to wet
10	G3 60	9.5 10.0	ND			Note: Water encountered at approximately 12.0 ft.
15	G4 58		0.5		ML	Reddish-brown sandy SILT, no odor, wet
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0		
			Bottom of Casing			Bottom of Hole	Water	Rock Cored (ft) -
								Samples 5G
						Boring No. DP-115		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-115

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 40	20.0	ND			
25	G6 42		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-115

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 40	0.5 1.0	1.4		SM	Gray to reddish-brown silty SAND with gravel, light odor at approximately 4.0 ft, moist
5	G2 35	4.5 5.0	ND		ML	Gray sandy SILT, no odor, moist to wet
10	G3 60	9.5 10.0	ND	10.0	ML	Reddish-brown sandy SILT, no odor, moist to wet
15	G4 59		ND			Note: Water encountered at approximately 12.0 ft.
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G	Boring No. DP-116
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	0.1			
25	G6 48		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 44	0.5 1.0	12.4		SM	Gray to blackish-brown silty SAND with gravel, light odor at approximately 2.0 ft, moist
5	G2 24	4.5 5.0	16.4	8.0	ML	Gray to reddish-brown sandy sILT, no odor, moist to wet
10	G3 51	9.5 10.0	ND			Note: Water encountered at approximately 12.0 ft.
15	G4 40		ND		ML	Similar to above
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary			
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft)	-
							Samples	5G	
							Boring No.	DP-117	

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High
 Plasticity: N - Nonplastic L - Low M - Medium H - High
 Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15



GEOPROBE REPORT

Boring No. DP-117

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 46	20.0	0.2			
25	G6 44		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-117

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 53	0.5	16.4		SM	Gray to reddish-brown silty SAND with gravel, no odor, moist
		1.0				
5	G2 51	4.5		8.0	ML	Gray sandy SILT, no odor, moist
		5.0				
10	G3 60	9.5		17.5	ML	Reddish-brown sandy SILT, no odor, wet
		10.0				
15	G4 60					
20		19.5				

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G Boring No. DP-118
			Bottom of Casing			
			Bottom of Hole			
			Water			

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-118

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 53	20.0				
25	G6 52					
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-118

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 45	0.5 1.0	20.7		SM	Gray to grayish-brown silty SAND with gravel, light odor, moist, some crushed brick
5	G2 9	4.5 5.0	6.8	5.0		Layer of brick
10	G3 23	9.5 10.0	6.0			Note: Water encountered at approximately 13.0 ft.
15	G4 51		ND		ML	Gray to red-brown sandy SILT, no odor, moist to wet
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15 HA-TB-CORE+WELL-07-1.GDT HA-LIB09.GLB HA-LIB09.GLB H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 5G
			Water			Boring No. DP-119

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0				
25	G6 56				ML	Similar to above, except red-brown
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 45	0.5 1.0	6.9		SM	Gray to reddish-brown silty SAND with gravel, light odor, moist Stronger odor at 4.0 ft
5	G2 40	4.5 5.0	1.4	5.0	ML	Gray sandy SILT, light odor, moist
10	G3 60	9.5 10.0	ND		ML	Reddish-brown sandy SILT, no odor, moist to wet Note: Water encountered at approximately 12.0 ft.
15	G4 60		ND			
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 5G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-120

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 34	20.0	ND		ML	Similar to above
25	G6 60		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M. Robins/J. Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 49	0.5	6.3		SM	Yellow-brown to red-brown silty SAND with gravel, some odor, moist
		1.0				
5	G2 31	4.5	0.9	5.0	ML	Gray sandy SILT, no odor, moist to wet
		5.0				
10	G3 53	9.5	ND	12.0	ML	Reddish-brown sandy SILT, no odor, wet at approximately 14.0 ft
		10.0				
15	G4 60		ND			
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 5G	
						Boring No. DP-121		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 38	20.0	ND		ML	Similar to above
25	G6 31		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 47	0.5 1.0	6.9		SM	Gray to grayish-brown silty SAND with gravel, faint odor, moist, some brick residue
5	G2 28	4.5 5.0	4.4	5.0	ML	Gray to grayish-brown sandy SILT, faint odor, moist, some brick power
10	G3 54	9.5 10.0	7.3	10.0	ML	Reddish-brown sandy SILT, no odor, moist to wet
15	G4 60		ND			Note: Water encountered at approximately 14.0 ft.
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary											
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod	T - Thin Wall Tube	U - Undisturbed Sample	S - Splitspoon Sample	G - Geoprobe	Riser Pipe	Screen	Filter Sand	Cuttings	Grout	Concrete	Bentonite Seal	Overburden (ft)	30.0
			Bottom of Casing	Bottom of Hole	Water														
													Samples		5G				
													Boring No.		DP-122				

Field Tests: Dilatancy: R - Rapid S - Slow N - None
 Toughness: L - Low M - Medium H - High
 Plasticity: N - Nonplastic L - Low M - Medium H - High
 Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	ND		ML	Similar to above
25	G6 60		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-123

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 21 July 2015
 Finish 21 July 2015
 Driller M.Robins/J.Mulford
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 45	0.5 1.0	1.0		SM	Yellow-brown silty SAND with gravel, some odor, staining at 4.0 to 5.0 ft with root matter, moist
5	G2 28	4.5 5.0	ND	5.0	ML	Gray sandy SILT, no odor, moist
10	G3 60	9.5 10.0	ND	10.0	ML	Reddish-brown sandy SILT, no odor, moist to wet
15	G4 60		ND			Note: Water encountered at approximately 13.0 ft.
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								30.0	-
								5G	

Boring No. DP-123

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15



GEOPROBE REPORT

Boring No. DP-123

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 31	20.0	ND		ML	Similar to above
25	G6 27		ND			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 29 Jul 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-123

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 54	0.5	17.3		SM	Brownish silty SAND and gravel (SM), some petroleum odor at 4.0 ft, moist
		1.0				
5	G2 36	4.5	30.2	8.0	ML	Gray brown to gray sandy SILT (ML), some petroleum odor to 10.0 ft, moist to wet
		5.0				
10	G3 54	9.5	0.1		ML	Water at ~12.0 ft
		10.0				
15	G4 60		0.0	17.0	ML	Similar to above
20		19.5			ML	Reddish brown sandy SILT (ML), no odor, wet

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-124		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-124

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 35	20.0	0.0			
25	G6 42		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-124

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 43	0.5 1.0	42.6		SM	Gray to gray brown silty SAND with gravel (SM), light odor at 4.0 ft, moist layers of brick
5	G2 22	4.5 5.0	26.0	4.0	ML	Gray to gray brown sandy SILT (ML), some petroleum odor to 6.0 ft, moist to wet
10	G3 51	9.5 10.0	0.0		ML	Reddish brown sandy SILT (ML), no odor, wet Water ~12.0 ft
15	G4 60		0.0			
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-125

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-125

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 33	20.0	0.0			
25	G6 48		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-125

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
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(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
 GEOLOGIC INTERPRETATION)

0	G1 58	0.5 1.0	0.0		SM	Gray to gray brown silty SAND with gravel (SM), some light petroleum odor at 6.0 ft, moist
5	G2 27	4.5 5.0	13.7		SM	Similar to above
8.0					ML	Gray sandy SILT (ML), no odor, moist
10	G3 59	9.5 10.0	0.0		ML	Reddish brown sandy SILT (ML), no odor, moist to wet
12.0						Water ~13.0 ft
15	G4 59		0.0			
19.5						
20						

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G	Boring No. DP-126
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-126

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 44	20.0	0.0		ML	Similar to above
25	G6 60		0.0			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-126

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 34	0.5	1.0		SM	Gray to gray brown silty SAND with gravel (SM), some black layers at ~7.0 ft, no odor, moist Some root matter at top.
		1.0				
5	G2 30	4.5	11.3		SM	Similar to above
		5.0				
				8.0	ML	Red sandy SILT (ML), no odor, moist to wet
10	G3 57	9.5	0.0			Similar to above Water ~11.0 ft
		10.0				
				12.0	ML	Reddish brown sandy SILT (ML), no odor wet
15	G4 46		0.0			
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-127		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-127

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5	20.0			ML	Similar to above
25	G6					
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-127

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 38	0.5	35.4		SM	Gray to gray brown silty SAND with gravel (SM), no odor, some 1.0 in. to 2.0 in. asphalt layers, moist
		1.0				
	G2 53	4.5	7.8	4.0	ML	Red sandy SILT (ML), no odor, moist
5		5.0				
	G3 51	9.5	0.0	8.0	ML	Reddish brown sandy SILT (ML), no odor, moist to wet
10		10.0				
	G4 6	19.5	0.0			Water at ~13.0 ft
15						
20						

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
							Boring No. DP-128	

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-128

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 0.5	20.0	0.0		ML	Similar to above
25	G6 32		0.0			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-128

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 40	0.5	0.0		SM	Gray to yellow brown silty SAND with gravel (SM), no odor, moist
		1.0				
				4.0		
	G2 43	4.5	0.0		ML	Gray to reddish brown sandy SILT (ML), no odor, moist to wet
5		5.0				
	G3 60	9.5	0.0			Water at ~14.0 ft
10		10.0				
	G4 40	19.5	0.0			
15						
20						

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G Boring No. DP-129
			Bottom of Casing			
			Bottom of Hole			

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-129

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 14	20.0	0.0		ML	Similar to above
25	G6 33		0.0			
				27.0	SM	Layer of 6.0 in. silty SAND with gravel (SM), no odor, waste fill-like
				28.0	ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-129

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 32	0.5	0.0		SM	Gray to gray brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
5	G2 4	4.5	0.0		SM	Gray silty SAND (SM), no odor, moist
		5.0				
8.0				8.0	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
10	G3 60	9.5	0.0			Water ~14.0 ft
		10.0				
15	G4 36		0.0			
		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing Bottom of Hole Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G Boring No. DP-130

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-130

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 36	20.0	0.0			
25	G6 40		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-130

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 45	0.5	0.0		SM	Grayish brown silty SAND with gravel (SM), no odor, dry
		1.0				
5	G2 48	4.5	0.0	5.0	ML	Grayish brown to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 14	9.5	0.0		ML	Similar to above
		10.0				
15			0.0		ML	Water ~12.0 ft
20		19.5				Similar to above

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0		
			Bottom of Casing			Bottom of Hole	Water	Rock Cored (ft) -
								Samples 6G
						Boring No. DP-131		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-131

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G4 23	20.0	0.0		ML	Similar to above
25						No recovery (no sample)
30				30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-131

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 34	0.5	0.0	2.0	SM	Gray to gray brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
	G2 50	4.5	0.0		ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
5	G3 60	9.5	0.0		ML	Water at ~11.0 ft
		10.0				
10	G4 60		0.0		ML	Similar to above
15						
20						

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-132		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-132

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20				20.0		BOTTOM OF EXPLORATION 20.0 FT - REFUSAL
25						
30						

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-132

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 18	0.5	0.0		SM	Gray to gray brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
5	G2 15	4.5	0.0	5.0	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 54	9.5	0.0			Water ~12.0 ft
		10.0				
15	G4 48	19.5	0.0		ML	Similar to above
20						

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								30.0	-
									6G
								Boring No.	DP-133

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-133

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 50	20.0	0.0			
25	G6 55		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-133

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 41	0.5	0.0		SM	Gray to red brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
5	G2 9	4.5	0.0		SM	Similar to above
		5.0				
10	G3 45	9.5	0.0	10.5	ML	Red brown sandy SILT (ML), no odor, moist to wet Water ~12.0 ft
		10.0				
15	G4 60	19.5	0.0			
20						

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-134		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-134

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 52	20.0	0.0		ML	Similar to above
25	G6 30		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-134

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 55.1	0.5 1.0			SM	Gray to red brown silty SAND with gravel (SM), no odor, dry to moist Refusal at 5.0 ft
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5	G2 55	4.5 5.0		5.0		<p style="text-align: center;">BOTTOM OF EXPLORATION 5.0 FT</p> <p>Note: Offset 2x at 1.0 ft, 1x at 6.0 ft, refusal 2.0 ft to 5.0 ft</p>
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Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 5.0 Rock Cored (ft) - Samples 1G	Boring No. DP-135
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 42	0.5	34.5	4.0	SM	Gray to red brown silty SAND with gravel (SM), some petroleum odor ~3.0 ft, dry to moist
		1.0				
5	G2 20	4.5	0.4		ML	Red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 60	9.5	0.0		ML	Water ~9.0 ft
		10.0				
15	G4 48	19.5	0.0		ML	Similar to above
20						

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-136		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-136

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 43	20.0	0.0			
25	G6 54				ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-136

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 27	0.5 1.0	42.1		SM	Gray to gray brown silty SAND with gravel (SM), light odor at 3.5 ft, dry to moist, some brick
5	G2 15	4.5 5.0	9.5	4.0	ML	Reddish brown sandy SILT (ML), no odor, moist to wet
10	G3 57	9.5 10.0				Water encountered ~11.0 ft
15	G4 48					
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-137

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-137

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 45	20.0			ML	Similar to above
25	G6 30				ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-137

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 34	0.5	13.8		SM	Gray brown silty SAND with gravel (SM), light odor at 3.0 ft, dry to moist
		1.0				
				3.0	ML	Reddish brown sandy SILT (ML), heavy odor and staining ~9.0 ft, moist to wet
5	G2 21	4.5	86.4			Sample collected 8.5 ft to 9.5 ft at stain
		5.0				
10	G3 60	9.5	0.0		ML	Reddish brown sandy SILT (ML), no odor, wet at ~11.0 ft
		10.0				
15	G4 34	19.5	0.0			
20						

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing Bottom of Hole Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G Boring No. DP-138

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-138

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 48	20.0	0.0		ML	Similar to above
25	G6 43		0.0			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-138

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 24	0.5	0.0		SM	Gray brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
				4.0	ML	Brown to red brown sandy SILT (ML), no odor, moist to wet
5	G2 10	4.5	0.0			Water ~11.0 ft
		5.0				
10	G3 16	9.5	0.0			
		10.0				
15	G4 15		0.0		ML	Similar to above
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-139		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-139

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 21	20.0	0.0			
25	G6 15		0.0		ML	Similar to above
30		29.5 30.0		30.0		<p>BOTTOM OF EXPLORATION 30.0 FT</p> <p>Note: Redrilled to 5.0 ft due to low recovery.</p>

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-139

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 20	0.5 1.0	0.0		SM	Gray to gray brown silty SAND with gravel (SM), light odor, dry to moist, staining at 6.0 ft
5	G2 16	4.5 5.0	0.3		SM	Similar to above
10	G3 60	9.5 10.0	0.0	9.5	ML	Reddish brown sandy SILT (ML), no odor, moist to wet Water ~11.0 ft
15	G4 60		0.0		ML	Similar to above
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								30.0	-
								6G	

Boring No. DP-140

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-123 JUL 2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-140

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 54	20.0	0.0			
25	G6 36				ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-140

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 28	0.5 1.0	0.0		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist, no staining
5	G2 14	4.5 5.0	0.0			
10	G3 60	9.5 10.0	0.0	10.0	ML	Gray to reddish brown sandy SILT (ML), no odor, moist to wet Water at 12.0 ft
15	G4 50		0.0			
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	Rock Cored (ft)
			Bottom of Casing	Bottom of Hole	Water				
								30.0	-
								6G	

Boring No. DP-141

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-141

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 34	20.0			ML	Similar to above
25	G6 48				ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-141

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 46	0.5	0.0	2.5	SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
			0.0		ML	Brown to red brown sandy SILT with gravel (ML), no odor, moist
5	G2 16	4.5	0.0	10.0	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 60	9.5	0.0	10.0	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
		10.0				
15	G4 60	19.5	0.0			Water ~12.0 ft
20						

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
							Boring No. DP-142	

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-142

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 60	20.0	0.0			
25	G6 37		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-142

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 24	0.5 1.0	0.2		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist
5	G2 14	4.5 5.0	0.0			
10	G3 60	9.5 10.0	0.0	9.5	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
15	G4 55		0.0			Water ~12.0 ft
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G	Boring No. DP-143
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-143

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 31	20.0	0.0		ML	Similar to above
25	G6 46		0.0			
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-143

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 42	0.5	0.2	4.0	SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
						Red brick ~2.5-3.5 ft
5	G2 40	4.5	0.0			Gray to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 40	9.5	0.0		ML	Water ~10.0 ft
		10.0				
15	G4 57		0.0		ML	Similar to above
		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing Bottom of Hole Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G Boring No. DP-144

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-144

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 30	20.0	0.0			
25	G6 58		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-144

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)						

0	G1 42	0.5 1.0	0.0		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist
5	G2 26	4.5 5.0	0.0	6.5	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
10	G3 53	9.5 10.0	0.0			Water ~11.0 ft
15	G4 57		0.0		ML	Similar to above
20		19.5				

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G	Boring No. DP-145
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-145

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 39	20.0	0.0			
25	G6		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-145

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 23 July 2015
 Finish 23 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 35	0.5 1.0	0.0		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist, no staining
				2.5	SM	Gray to red brown sandy SILT (ML), no odor, moist to wet
5	G2 26	4.5 5.0	0.0			
10	G3 60	9.5 10.0	0.0		ML	Similar to above Water ~11.0 ft
15	G4 47		0.0		ML	Similar to above
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0 Rock Cored (ft) - Samples 6G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-146

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-146

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 56	20.0	0.0			
25	G6 56		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-146



GEOPROBE REPORT

Boring No. DP-147

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 24 July 2015
 Finish 24 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000
				Elevation
				Datum NA
				Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 52	0.5	94.6		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist, no staining
		1.0				
5	G2 25	4.5	16.3	6.5	ML	Brown to red brown sandy SILT (ML), no odor, moist to wet
		5.0				
10	G3 50	9.5	0.0			Water ~10.0 ft
		10.0				
15	G4 42	19.5	0.0		ML	Similar to above
20						

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
							Boring No. DP-147	

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-147

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 44	20.0	0.0		ML	Similar to above
25	G6 46		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-147

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 24 July 2015
 Finish 24 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 39	0.5	0.3		SM	Gray to gray brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
				2.5	SM	Reddish brown silty SAND (SM), no odor, moist to wet
5	G2 3	4.5	0.0		SM	Similar to above except, asphalt chunks
		5.0				
10	G3 60	9.5	0.0	10.0	ML	Gray to red brown sandy SILT (ML), no odor, wet
		10.0				
15	G4 52		0.0			Water ~9.0 ft
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 6G
			Water			Boring No. DP-148

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-148

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 53	20.0	0.0		ML	Similar to above
25	G6 57		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-148

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 24 July 2015
 Finish 24 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 45	0.5	0.0		SM	Gray to brown silty SAND with gravel (SM), no odor, dry to moist
		1.0				
				2.5	SM	Brown to red brown silty SAND (SM), no odor, moist to wet
5	G2 32	4.5	0.0			Water ~8.0 ft
		5.0				
				9.0	ML	Gray to red brown sandy SILT (ML), no odor, wet
10	G3 60	9.5	0.0			
		10.0				
15	G4 43		0.0		ML	Similar to above
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
							Boring No. DP-149	

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-149

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 43	20.0	0.0		ML	Similar to above
25	G6 48		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-149

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 2
 Start 24 July 2015
 Finish 24 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 43	0.5 1.0	0.0		SM	Gray to red brown silty SAND with gravel (SM), no odor, dry to moist
5	G2 12	4.5 5.0	0.0		SM	Similar to above
10	G3 38	9.5 10.0	0.0	10.0	ML	Red brown sandy SILT (ML), no odor, moist to wet Water ~11.0 ft
15	G4 43		0.0		ML	Similar to above
20		19.5				

Water Level Data				Sample ID	Well Diagram	Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 30.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 6G	
						Boring No. DP-150		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15



GEOPROBE REPORT

Boring No. DP-150

File No. 40223-002
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20	G5 47	20.0	0.0		ML	Similar to above
25	G6 40		0.0		ML	Similar to above
30		29.5 30.0		30.0		BOTTOM OF EXPLORATION 30.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-150

Project Buzzard Point, Washington, DC, Square 0607 Lot 0013
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 22 July 2015
 Finish 22 July 2015
 Driller M. Robins/L. Carroll
 H&A Rep. M. King

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	-	-	Bit Type: Cutting Head
Hammer Weight (lb)	-	-	-	Drill Mud: None
Hammer Fall (in.)	-	-	-	Casing: Geoprobe
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Elevation
 Datum NA
 Location See Plan

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
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0	G1 34	0.5 1.0	0.0		SM	Gray to gray brown silty SAND with gravel (SM), no odor, dry to moist
5	G2 50	4.5 5.0	0.0	5.0	ML	Gray to red brown sandy SILT (ML), no odor, moist to wet
10	G3 60	9.5 10.0	0.0			Water ~11.0 ft
15			0.0		ML	Similar to above
20		19.5				

L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 20.0 Rock Cored (ft) Samples 4G	Boring No. DP-B2
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-B2

File No. 40223-002
Sheet No. 2 of 1

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
	G4 60	20.0		20.0		Refusal at 20.0 ft
				30.0		BOTTOM OF EXPLORATION 30.0 ft

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT L:\WASHINGTON DC\40223-002\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ Jul 31, 15

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. DP-B2