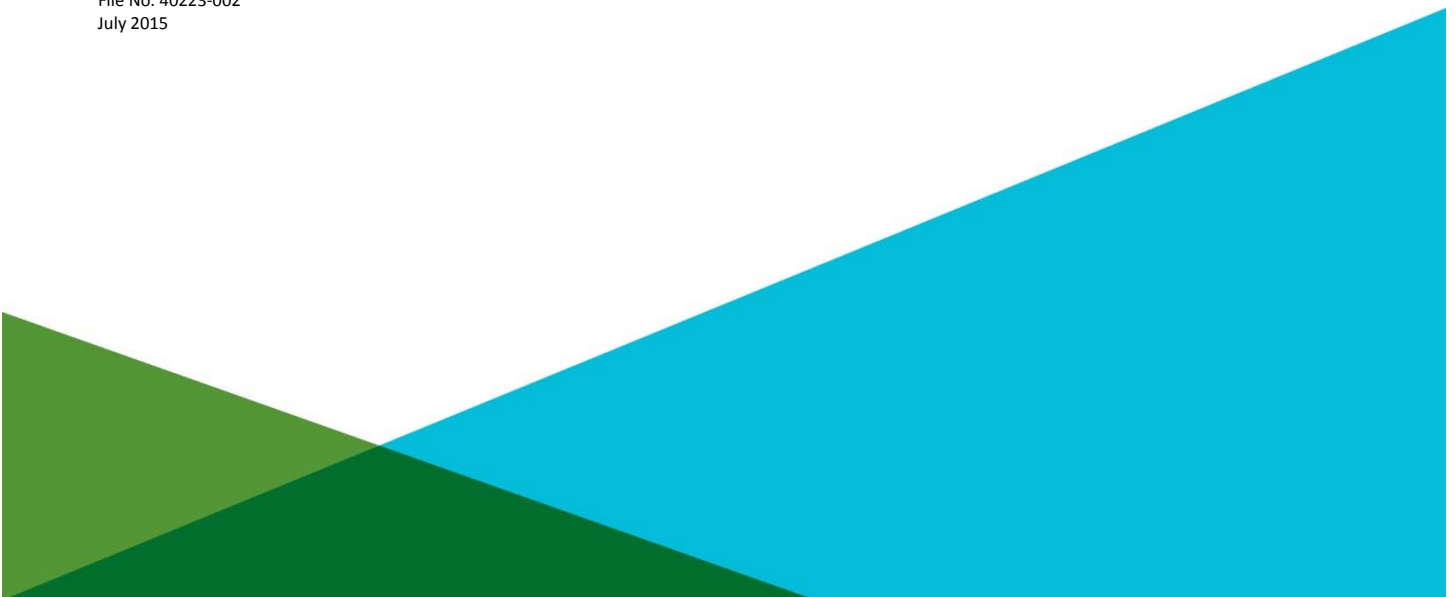


PHASE II SOIL INVESTIGATION REPORT
VOLUNTARY CLEANUP PROGRAM
DISTRICT OF COLUMBIA PARCEL AT BUZZARD POINT,
SQUARE 0661, LOT 0800
WASHINGTON, D.C.

by Haley & Aldrich, Inc.
McLean, Virginia

for McKissack & McKissack
Washington, D.C.

File No. 40223-002
July 2015





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24 July 2015
File No. 40223-002

McKissack & McKissack
901 K Street, NW 6th Floor
Washington, D.C. 20001

Attention: Mr. Mark Babbitt, P.E.

Subject: Phase II Soil Investigation Report
Voluntary Cleanup Program
District of Columbia Parcel at Buzzard Point, Square 0661, Lot 0800
Washington, D.C.

Ladies and Gentlemen:

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Phase II Soil Investigation Report (Phase II) for the District of Columbia (D.C.) 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 used as a salt storage facility with a salt dome comprising a large portion of the Site. The Site is bound by Potomac Avenue, SW to the north, R Street, SW to the south, Half Street, SW to the east and 1st 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 for the proposed stadium. The soil investigation considered this depth of excavation to assess soil disposition for foundation construction.

PREVIOUS INVESTIGATIONS

In 2013, Haley & Aldrich conducted a Phase I and limited Phase II environmental site assessment (ESA), that identified one suspect REC (i.e., potential petroleum impacts to soil from off-site sources;) summarized in the associated report (Haley & Aldrich, 2014). Soil and groundwater samples were also collected from one location shown in Figure 2 (GTW-661-800-1). Soil analytical results indicated that chemicals concentrations did not exceed soil screening levels; however; the sample depth (i.e., 15 to 20 feet bgs) was deeper than the targeted investigation depth of the upper 10 feet based on the proposed redevelopment.

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 to further evaluate the nature and extent of subsurface conditions in soil. These investigation activities were conducted on 9 July 2015 at the following areas of potential concern (AOPCs) shown in Figure 2:

- Historical boring location GTW-661-800-1: Samples were collected to investigate chemicals in shallow soil; and
- Western site coverage: Samples were collected from one location in the southwest corner of the Site to investigate chemicals in soil in the western portion of the Site.

The sample analyses at each location were selected based on the potential chemicals of concern associated with the REC identified in the Phase I ESA. Soil sample locations are shown in Figure 2.

Groundwater sampling at temporary well location GTW-661-800-1 will be conducted and the results evaluated under separate cover.

SOIL SAMPLING

Soil samples were collected to depths ranging from 10 to 15 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 A. 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 visually documented for discoloration and screened for volatile organic compounds (VOCs) using a photoionization detector (PID). Soil samples were collected from approximately 1, 5, and 10 feet bgs; select depth intervals were adjusted to target indications of chemicals (e.g., visual or olfactory observations, elevated PID measurements). 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 10 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 rinse 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.

RESULTS

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

Historical Sample Location GTW-661-800-1

The samples collected at approximately 15 to 20 feet bgs (GTW-661-800-1) did not have reported chemical concentrations that exceeded the soil screening levels; however at the request of the District Department of the Environment, additional samples were obtained in this area to help them further evaluate the Cleanup Action Plan that will be submitted as part of the Voluntary Cleanup Program. Five borings were therefore advanced and 15 samples collected in this area to investigate and obtain additional information regarding the extent of total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), metals, polychlorinated biphenyls, and VOC concentrations in soil based on the chemicals of potential concern associated with the reported release of heating oil, gasoline, and diesel from the adjacent property.

A review of the analytical results of these samples indicated that one sample had reported diesel range total petroleum hydrocarbons (TPH-DRO) concentrations that exceeded the soil screening levels; no samples had reported PAH concentrations that exceeded the soil screening levels; and 11 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 as Appendix B.

Western Site Coverage

One boring was advanced and three samples collected in this area to investigate TPH, PAH, and metals concentrations in soil based on the chemicals of concern associated with adjacent properties.

A review of the analytical results for these samples indicated that one sample had reported TPH-DRO concentrations that exceeded the soil screening levels; one sample had reported PAH concentrations that exceeded the soil screening levels; and three 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 as Appendix B.

Summary and Recommendations

In summary, soil samples were collected to evaluate and delineate the presence of chemicals at two AOPCs. The following is recommended:

- Prepare a Site-specific background metals evaluation;
- Prepare a soil management plan to guide the demolition 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 available analytical results, soil remediation may be required for the protection of human health for the on-Site construction worker and future occupant and 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 one on-Site AOPC range from \$89,000 to \$650,000. These costs and their associated assumptions are summarized in Table 2. The soil screening levels used to evaluate the impacts at the Site do not account for cumulative health risks. These costs also exclude the groundwater remediation/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

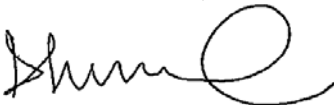
evaluation, or a human health risk assessment, which may affect the soil remediation feasibility and costs.

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 Analytical Results
- Table 2 – Order of Magnitude Soil Remediation Costs
- Figure 1 – Site Locus
- Figure 2 – Sample Locations and Exceedances
- Appendix A – Boring Logs
- Appendix B – Laboratory Analytical Reports

References

1. Haley & Aldrich, Inc., 2014. Report on ASTM Phase I Environmental Site Assessment with Limited Phase II Subsurface Sampling, District of Columbia Parcel at Buzzard Point, Square 661, Lot 0800, Washington, DC. 8 September.

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS
 DISTRICT OF COLUMBIA PARCEL AT BUZZARD POINT, SQUARE 661, LOT 0800
 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-033 07/09/2015 DP-033-SO-010-01 Primary 1	DP-033 07/09/2015 DP-033-SO-010-02 Duplicate 1	DP-033 07/09/2015 DP-033-SO-050-01 Primary 5	DP-033 07/09/2015 DP-033-SO-100-01 Primary 10	DP-034 07/09/2015 DP-034-SO-010-01 Primary 1	DP-034 07/09/2015 DP-034-SO-050-01 Primary 5	DP-034 07/09/2015 DP-034-SO-100-01 Primary 10	DP-035 07/09/2015 DP-035-SO-010-01 Primary 1	DP-035 07/09/2015 DP-035-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	3,300	5,800	15,000	9,500	6,400	8,000	9,100	10,000	9,400
Antimony, Total	-	470	< 4.6	< 4.2	< 4.7	< 4.5	< 4.4	< 4.6	< 4.7	< 4.6	< 4.7
Arsenic, Total	-	3	5.6	6.6	14	7.7	8.2	11	6.0	11	13
Barium, Total	-	220000	21	39	50	50	22	29	34	28	50
Beryllium, Total	-	2300	0.19 J	0.51	0.44 J	0.36 J	0.25 J	0.43 J	0.42 J	0.33 J	0.66
Cadmium, Total	-	980	< 0.91	0.090 J	< 0.93	< 0.91	< 0.89	< 0.91	< 0.94	< 0.92	< 0.94
Calcium, Total	-	-	2,800	15,000	1,600	310	300	190	240	880	110
Chromium, Total	-	-	16	14	19	13	12	9.8	15	14	17
Cobalt, Total	-	350	3.3	4.0	12	4.1	3.9	7.0	4.3	5.9	4.6
Copper, Total	-	47000	10	10	11	10	8.7	9.5	15	12	12
Iron, Total	-	820000	10,000	11,000	26,000	16,000	15,000	19,000	13,000	21,000	24,000
Lead, Total	-	800	20	25	7.6	3.0 J	4.8	3.8 J	9.2	5.4	6.8
Magnesium, Total	-	-	3,600	6,100	1,000	1,000	810	850	1,500	1,000	1,100
Manganese, Total	-	26000	100	400	580	86	98	280	53	170	98
Mercury, Total	-	40	0.020 J	0.050 J	0.060 J	< 0.07	0.020 J	< 0.08	< 0.08	< 0.08	< 0.08
Nickel, Total	-	22000	34	35	9.1	8.8	7.4	7.1	9.7	8.7	9.0
Potassium, Total	-	-	190 J	390	610	360	280	270	390	340	320
Selenium, Total	-	5800	< 1.8	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.8	< 1.9
Silver, Total	-	5800	< 0.91	< 0.84	< 0.93	< 0.91	< 0.89	< 0.91	< 0.94	< 0.92	< 0.94
Sodium, Total	-	-	3,800	3,700	17,000	17,000	820	1,600	3,700	630	560
Thallium, Total	-	12	< 1.8	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.8	< 1.9
Vanadium, Total	-	5800	21	21	31	21	17	19	28	23	26
Zinc, Total	-	350000	47	68	35	32	21	27	32	30	35
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	< 0.0363	< 0.0368	< 0.0402	< 0.037	< 0.0392
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.38	< 0.35	< 0.19	< 0.18	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20
2-Methylnaphthalene	-	3000	1.9	2.0	< 0.23	< 0.22	< 0.23	< 0.23	< 0.24	< 0.23	< 0.24
Acenaphthene	-	45000	1.0	1.3	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16
Acenaphthylene	-	-	< 0.30	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16
Anthracene	-	230000	1.8	2.2	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Benzo(a)anthracene	-	2.9	1.2	1.6	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Benzo(a)pyrene	-	0.29	0.87	1.2	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16
Benzo(b)fluoranthene	-	2.9	1.0	1.4	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Benzo(g,h,i)perylene	-	-	0.43	0.57	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16

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 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-033 07/09/2015 DP-033-SO-010-01 Primary 1	DP-033 07/09/2015 DP-033-SO-010-02 Duplicate 1	DP-033 07/09/2015 DP-033-SO-050-01 Primary 5	DP-033 07/09/2015 DP-033-SO-100-01 Primary 10	DP-034 07/09/2015 DP-034-SO-010-01 Primary 1	DP-034 07/09/2015 DP-034-SO-050-01 Primary 5	DP-034 07/09/2015 DP-034-SO-100-01 Primary 10	DP-035 07/09/2015 DP-035-SO-010-01 Primary 1	DP-035 07/09/2015 DP-035-SO-050-01 Primary 5
Benzo(k)fluoranthene	-	29	0.43	0.52	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Chrysene	-	290	1.1	1.4	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Dibenz(a,h)anthracene	-	0.29	0.11 J	0.18 J	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Fluoranthene	-	30000	3.8	4.8	0.043 J	< 0.11	0.039 J	< 0.11	< 0.12	< 0.11	< 0.12
Fluorene	-	30000	1.5	1.7	< 0.19	< 0.18	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	0.51	0.67	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.16
Naphthalene	-	17	0.82	0.79	< 0.19	< 0.18	< 0.19	< 0.19	< 0.20	< 0.19	< 0.20
Phenanthrene	-	-	5.7	6.9	< 0.12	< 0.11	< 0.11	< 0.11	< 0.12	< 0.11	< 0.12
Pyrene	-	23000	2.8	3.6	0.038 J	< 0.11	0.042 J	< 0.11	< 0.12	< 0.11	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics	100	-	4.2	36	< 2.8	< 2.6	< 2.6	< 2.8	< 3.0	< 2.6	< 3.0
Total Petroleum Hydrocarbons (C9-C44) DRO	100	-	3,360	942	< 37.9	21.7 J	15.6 J	12.8 J	7.34 J	25.0 J	< 40.1
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	-	36000	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,1,2-Trichloroethane	-	5	-	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
1,1-Dichloroethane	-	16	-	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
1,1-Dichloroethene	-	1000	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,2,3-Trichlorobenzene	-	660	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,2,4-Trichlorobenzene	-	110	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	< 0.0046	< 0.0046	< 0.0048	< 0.0047	< 0.0048
1,2-Dichlorobenzene	-	9300	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,2-Dichloroethane	-	2	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,2-Dichloroethene (total)	-	-	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,2-Dichloropropane	-	4.4	-	-	-	-	< 0.004	< 0.004	< 0.0042	< 0.0041	< 0.0042
1,3-Dichlorobenzene	-	-	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,3-Dichloropropene	-	8.2	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
1,4-Dichlorobenzene	-	11	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
1,4-Dioxane	-	23	-	-	-	-	< 0.11	< 0.11	< 0.12	< 0.12	< 0.12
2-Butanone (Methyl Ethyl Ketone)	-	190000	-	-	-	-	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012
2-Hexanone	-	1300	-	-	-	-	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	-	-	-	-	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012
Acetone	-	670000	-	-	-	-	0.0090 J	< 0.041	< 0.043	< 0.042	< 0.044
Benzene	0.005	5.1	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Bromodichloromethane	-	1.3	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Bromoform	-	290	-	-	-	-	< 0.0046	< 0.0046	< 0.0048	< 0.0047	< 0.0048
Bromomethane (Methyl Bromide)	-	30	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Carbon disulfide	-	3500	-	-	-	-	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012
Carbon tetrachloride	-	2.9	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Chlorobenzene	-	1300	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Chlorobromomethane	-	630	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
Chloroethane	-	57000	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Chloroform (Trichloromethane)	-	1.4	-	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
Chloromethane (Methyl Chloride)	-	460	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
cis-1,2-Dichloroethene	-	2300	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012

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cis-1,3-Dichloropropene	-	-	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Cyclohexane	-	27000	-	-	-	-	< 0.023	< 0.023	< 0.024	< 0.024	< 0.024
Dibromochloromethane	-	3.2	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Dichlorodifluoromethane (CFC-12)	-	370	-	-	-	-	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012
Ethylbenzene	0.04	25	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Isopropylbenzene	-	9900	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
m,p-Xylenes	-	-	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Methyl acetate	-	1.20E+06	-	-	-	-	< 0.0046	< 0.0046	< 0.0048	< 0.0047	< 0.0048
Methyl cyclohexane	-	-	-	-	-	-	< 0.0046	< 0.0046	< 0.0048	< 0.0047	< 0.0048
Methyl Tert Butyl Ether	-	210	-	-	-	-	< 0.0023	< 0.0023	0.0017 J	< 0.0024	< 0.0024
Methylene chloride	-	1000	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
o-Xylene	-	2800	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Styrene	-	35000	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Tetrachloroethene	-	100	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Toluene	9.6	47000	-	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
trans-1,2-Dichloroethene	-	23000	-	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0018
trans-1,3-Dichloropropene	-	-	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Trichloroethene	-	6	-	-	-	-	< 0.0011	< 0.0011	< 0.0012	< 0.0012	< 0.0012
Trichlorofluoromethane (CFC-11)	-	3100	-	-	-	-	< 0.0057	< 0.0057	< 0.0060	< 0.0059	< 0.0060
Trifluorotrchloroethane (Freon 113)	-	170000	-	-	-	-	< 0.023	< 0.023	< 0.024	< 0.024	< 0.024
Vinyl chloride	-	1.7	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024
Xylene (total)	3.86	2500	-	-	-	-	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0024

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

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
DISTRICT OF COLUMBIA PARCEL AT BUZZARD POINT, SQUARE 661, LOT 0800
WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-035 07/09/2015 DP-035-SO-100-01 Primary 10	DP-035 07/09/2015 DP-035-SO-100-02 Duplicate 10	DP-036 07/09/2015 DP-036-SO-010-01 Primary 1	DP-036 07/09/2015 DP-036-SO-050-01 Primary 5	DP-036 07/09/2015 DP-036-SO-100-01 Primary 10	DP-037 07/09/2015 DP-037-SO-010-01 Primary 1	DP-037 07/09/2015 DP-037-SO-050-01 Primary 5	DP-037 07/09/2015 DP-037-SO-100-01 Primary 10	DP-038 07/09/2015 DP-038-SO-010-01 Primary 1	DP-038 07/09/2015 DP-038-SO-050-01 Primary 5	DP-038 07/09/2015 DP-038-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)													
Aluminum, Total	-	1.10E+06	10,000	9,800	5,800	9,100	10,000	9,100	9,900	9,200	7,400	9,900	8,900
Antimony, Total	-	470	< 4.7	< 4.5	< 4.5	< 4.6	< 4.7	< 4.4	< 4.5	< 4.5	< 4.5	< 4.5	< 4.6
Arsenic, Total	-	3	4.2	44	7.5	2.9	2.0	4.3	6.8	2.7	3.0	3.3	5.8
Barium, Total	-	220000	26	31	19	53	47	35	26	200	45	29	20
Beryllium, Total	-	2300	0.38 J	2.9	0.22 J	0.56	0.49	0.49	0.55	0.37 J	0.38 J	0.35 J	0.38 J
Cadmium, Total	-	980	< 0.93	0.14 J	0.40 J	< 0.93	< 0.94	< 0.87	< 0.89	< 0.91	< 0.90	< 0.90	< 0.91
Calcium, Total	-	-	120	150	450	270	260	6,700	190	310	14,000	160	240
Chromium, Total	-	-	15	33	9.7	16	20	21	18	14	14	18	13
Cobalt, Total	-	350	6.5	6.8	4.9	5.2	4.2	7.1	8.6	2.9	5.4	3.6	3.3
Copper, Total	-	47000	12	25	7.4	11	17	10	13	12	12	10	14
Iron, Total	-	820000	12,000	61,000	13,000	20,000	17,000	20,000	27,000	7,400	16,000	19,000	19,000
Lead, Total	-	800	7.7	8.7	5.7	9.1	11	13	13	10	21	5.5	9.4
Magnesium, Total	-	-	2,200	1,400	670	1,000	1,400	1,000	870	1,000	1,500	1,100	1,100
Manganese, Total	-	26000	78	64	140	140	45	120	410	28	150	69	56
Mercury, Total	-	40	< 0.08	< 0.08	< 0.08	< 0.08	0.020 J	0.050 J	< 0.07	0.040 J	0.040 J	< 0.08	< 0.08
Nickel, Total	-	22000	15	12	6.4	9.0	9.1	10	8.4	7.5	11	8.6	6.3
Potassium, Total	-	-	480	420	240	380	450	360	300	390	830	640	470
Selenium, Total	-	5800	< 1.9	< 1.8	< 1.8	< 1.8	< 1.9	< 1.7	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Silver, Total	-	5800	< 0.93	< 0.91	< 0.90	< 0.93	< 0.94	< 0.87	< 0.89	< 0.91	< 0.9	< 0.9	< 0.91
Sodium, Total	-	-	11,000	15,000	320	280	420	2,600	1,900	550	7,800	12,000	14,000
Thallium, Total	-	12	< 1.9	0.36 J	< 1.8	< 1.8	< 1.9	< 1.7	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Vanadium, Total	-	5800	18	24	14	22	29	24	24	23	24	21	36
Zinc, Total	-	350000	50	50	19	34	29	29	28	27	37	29	24
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	30	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1221 (PCB-1221)	-	0.66	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1232 (PCB-1232)	-	0.66	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1242 (PCB-1242)	-	1	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1248 (PCB-1248)	-	1	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1254 (PCB-1254)	-	1	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1260 (PCB-1260)	-	1	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	0.0366 J	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1262 (PCB-1262)	-	-	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Aroclor-1268 (PCB-1268)	-	-	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	< 0.0372	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Polychlorinated biphenyls (PCBs)	-	1	< 0.0384	< 0.0375	< 0.0363	< 0.039	< 0.0385	0.0366 J	< 0.0369	< 0.0386	< 0.0369	< 0.0367	< 0.0386
Semi-Volatile Organic Compounds (mg/kg)													
2-Chloronaphthalene	-	93000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.18	< 0.19
2-Methylnaphthalene	-	3000	< 0.24	< 0.23	< 0.23	< 0.23	< 0.24	0.10 J	< 0.23	< 0.23	0.079 J	< 0.22	< 0.23
Acenaphthene	-	45000	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	0.082 J	< 0.15	< 0.15	0.041 J	< 0.15	< 0.16
Acenaphthylene	-	-	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.16
Anthracene	-	230000	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.10 J	< 0.11	< 0.11	0.065 J	< 0.11	< 0.12
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.14	< 0.11	< 0.11	0.10 J	< 0.11	< 0.12
Benzo(a)pyrene	-	0.29	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	0.12 J	< 0.15	< 0.15	0.11 J	< 0.15	< 0.16
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.14	< 0.11	< 0.11	0.14	< 0.11	< 0.12
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	0.079 J	< 0.15	< 0.15	0.087 J	< 0.15	< 0.16

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Benzo(k)fluoranthene	-	29	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.057 J	< 0.11	< 0.11	0.052 J	< 0.11	< 0.12
Chrysene	-	290	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.15	< 0.11	< 0.11	0.11	< 0.11	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12
Fluoranthene	-	30000	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.35	< 0.11	< 0.11	0.21	< 0.11	< 0.12
Fluorene	-	30000	< 0.20	< 0.19	< 0.19	< 0.19	< 0.20	0.13 J	< 0.19	< 0.19	0.064 J	< 0.18	< 0.19
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.15	< 0.15	< 0.15	< 0.16	0.078 J	< 0.15	< 0.15	0.090 J	< 0.15	< 0.16
Naphthalene	-	17	< 0.20	< 0.19	< 0.19	< 0.19	< 0.20	0.10 J	< 0.19	< 0.19	< 0.19	< 0.18	< 0.19
Phenanthrene	-	-	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.41	< 0.11	< 0.11	0.25	< 0.11	< 0.12
Pyrene	-	23000	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	0.32	< 0.11	< 0.11	0.22	< 0.11	< 0.12
Total Petroleum Hydrocarbons (mg/kg)													
Gasoline Range Organics	100	-	< 3.0	< 2.8	< 2.8	< 2.8	< 2.8	15	1.5 J	< 2.6	3.8	< 2.8	< 2.8
Total Petroleum Hydrocarbons (C9-C44) DRO	100	-	< 38.5	< 38.8	< 37.0	< 38.4	< 38.6	62.5	< 36.9	< 37.9	451	< 36.7	< 38.2
Volatile Organic Compounds (mg/kg)													
1,1,1-Trichloroethane	-	36000	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,1,2,2-Tetrachloroethane	-	2.7	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,1,2-Trichloroethane	-	5	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018
1,1-Dichloroethane	-	16	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018
1,1-Dichloroethene	-	1000	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,2,3-Trichlorobenzene	-	660	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,2,4-Trichlorobenzene	-	110	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0048	< 0.0046	< 0.0046	< 0.0047	< 0.0046	< 0.0045	< 0.0048
1,2-Dichlorobenzene	-	9300	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,2-Dichloroethane	-	2	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,2-Dichloroethene (total)	-	-	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,2-Dichloropropane	-	4.4	< 0.0042	< 0.0041	< 0.004	< 0.0042	< 0.0042	< 0.0040	< 0.004	< 0.0042	< 0.004	< 0.004	< 0.0042
1,3-Dichlorobenzene	-	-	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,3-Dichloropropene	-	8.2	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
1,4-Dichlorobenzene	-	11	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
1,4-Dioxane	-	23	< 0.12	< 0.12	< 0.11	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11	< 0.11	< 0.12
2-Butanone (Methyl Ethyl Ketone)	-	190000	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.011	< 0.012
2-Hexanone	-	1300	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.011	< 0.012
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.011	< 0.012
Acetone	-	670000	0.0068 J	0.0055 J	< 0.041	< 0.043	< 0.043	0.026 J	< 0.041	< 0.043	0.011 J	< 0.041	0.0038 J
Benzene	0.005	5.1	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	0.00051 J	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Bromodichloromethane	-	1.3	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Bromoform	-	290	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0048	< 0.0046	< 0.0046	< 0.0047	< 0.0046	< 0.0045	< 0.0048
Bromomethane (Methyl Bromide)	-	30	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0023	< 0.0022	< 0.0024
Carbon disulfide	-	3500	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012	0.0032 J	< 0.012	< 0.012	< 0.011	< 0.011	< 0.012
Carbon tetrachloride	-	2.9	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Chlorobenzene	-	1300	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Chlorobromomethane	-	630	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
Chloroethane	-	57000	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0023	< 0.0022	< 0.0024
Chloroform (Trichloromethane)	-	1.4	< 0.0018	0.00062 J	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018
Chloromethane (Methyl Chloride)	-	460	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
cis-1,2-Dichloroethene	-	2300	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012

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cis-1,3-Dichloropropene	-	-	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Cyclohexane	-	27000	< 0.024	< 0.023	< 0.023	< 0.024	< 0.024	0.0010 J	< 0.023	< 0.024	< 0.023	< 0.022	< 0.024
Dibromochloromethane	-	3.2	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Dichlorodifluoromethane (CFC-12)	-	370	< 0.012	< 0.012	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.011	< 0.012
Ethylbenzene	0.04	25	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	0.0024	< 0.0012	< 0.0012	0.00059 J	< 0.0011	< 0.0012
Isopropylbenzene	-	9900	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	0.0012	< 0.0012	< 0.0012	0.00029 J	< 0.0011	< 0.0012
m,p-Xylenes	-	-	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	0.0033	< 0.0023	< 0.0024	0.0011 J	< 0.0022	< 0.0024
Methyl acetate	-	1.20E+06	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0048	< 0.0046	< 0.0046	< 0.0047	< 0.0046	< 0.0045	< 0.0048
Methyl cyclohexane	-	-	< 0.0048	< 0.0047	< 0.0046	< 0.0048	< 0.0048	0.0035 J	< 0.0046	< 0.0047	0.0014 J	< 0.0045	< 0.0048
Methyl Tert Butyl Ether	-	210	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0023	< 0.0022	< 0.0024
Methylene chloride	-	1000	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
o-Xylene	-	2800	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	0.0029	< 0.0023	< 0.0024	0.0012 J	< 0.0022	< 0.0024
Styrene	-	35000	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0023	< 0.0022	< 0.0024
Tetrachloroethene	-	100	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Toluene	9.6	47000	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	0.00050 J	< 0.0017	< 0.0018	0.00035 J	< 0.0017	< 0.0018
trans-1,2-Dichloroethene	-	23000	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018
trans-1,3-Dichloropropene	-	-	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Trichloroethene	-	6	< 0.0012	< 0.0012	< 0.0011	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0011	< 0.0011	< 0.0012
Trichlorofluoromethane (CFC-11)	-	3100	< 0.0060	< 0.0058	< 0.0057	< 0.0059	< 0.0059	< 0.0058	< 0.0058	< 0.0059	< 0.0057	< 0.0056	< 0.0060
Trifluorotrchloroethane (Freon 113)	-	170000	< 0.024	< 0.023	< 0.023	< 0.024	< 0.024	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.024
Vinyl chloride	-	1.7	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0023	< 0.0022	< 0.0024
Xylene (total)	3.86	2500	< 0.0024	< 0.0023	< 0.0023	< 0.0024	< 0.0024	0.0062	< 0.0023	< 0.0024	0.0023 J	< 0.0022	< 0.0024

NOTES

Bold where detected; highlighted where exceeds

Results reported in mg/kg

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

-- = screening level not available/sample not analyzed

< = not detected at the indicated reporting limit

J = estimated value

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)

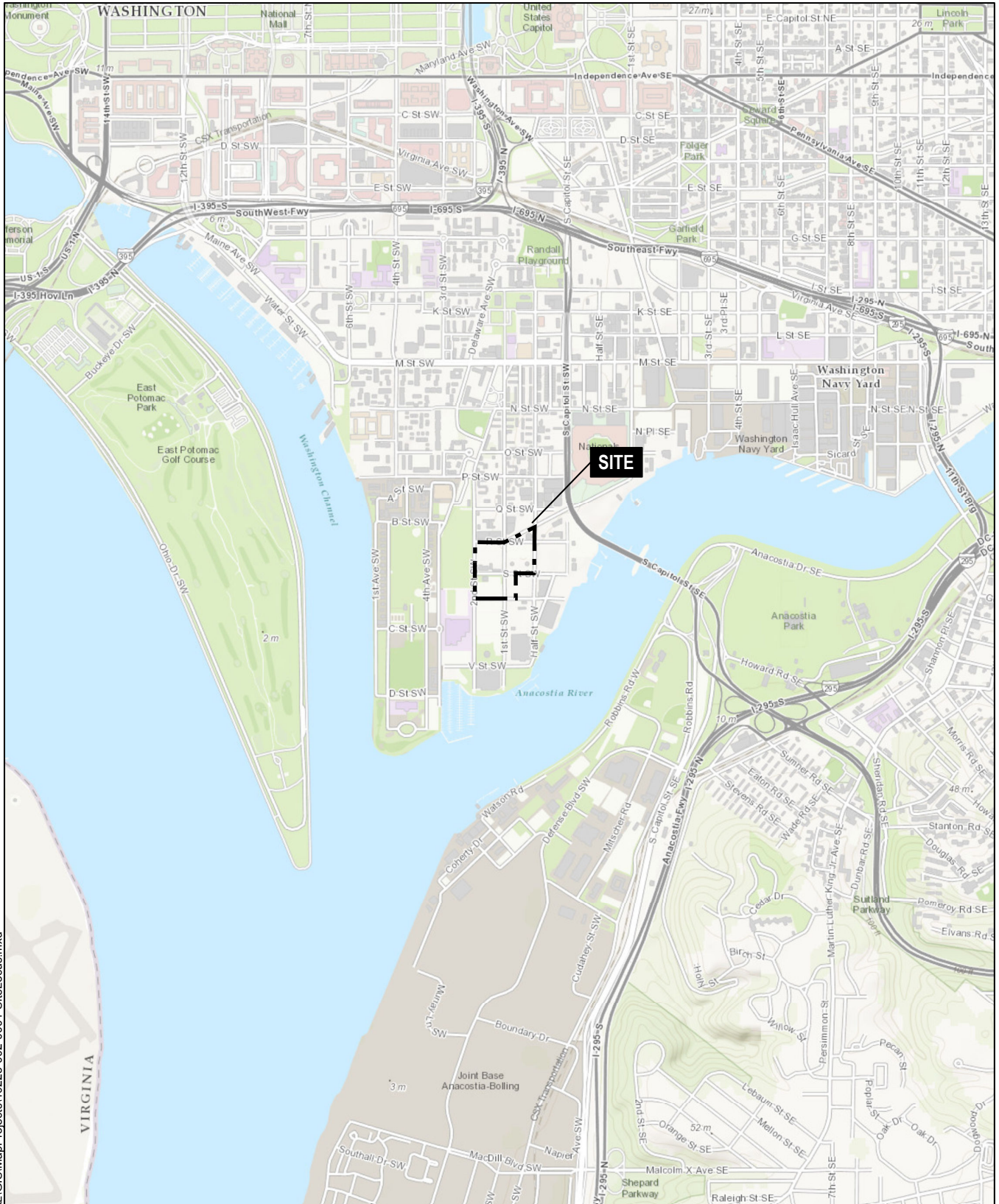
2. United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 2
ORDER OF MAGNITUDE SOIL REMEDIATION COSTS
 SUPER SALVAGE, INC., PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0802
 WASHINGTON, D.C.

Area of Potential Concern	Investigation Findings	Potential Impact on Proposed Development	Potential Remedies	Excavation Depth (ft bgs)	Order of Magnitude Opinion of Cost (Range)			
Historical Boring Location GTW-661-800-1	TPH-DRO and metals were detected in soil samples above soil screening levels <u>Boring Locations</u> DP-034 through DP-038	Soil excavated during construction with metals and 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 PAH and 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.	\$ 118,990	Impacted soil with concentrations of metals, PAHs, and TPH-DRO requires off-site disposal (approximately 889 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
Western Site Coverage	TPH-DRO, PAHs, and metals were detected in soil samples above soil screening levels <u>Boring Location</u> DP-033	Soil excavated during construction with metals, PAH, and 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	\$ 44,130	Localized impacted soil with concentrations of PAH and 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.	\$ 77,400	Impacted soil with concentrations of metals requires off-site disposal (approximately 1,333 cubic yards). Estimate \$27.50 per ton for transportation and disposal.
Order of Magnitude Cost Range for Impacts on Proposed Development from Identified Areas of Potential Concern:				10	\$ 89,000	to	\$ 650,000	High costs include profiling and off-site disposal to the specified depth for the entire site, excluding the office building footprint (i.e., chemicals above screening levels in soil are not just limited to the identified AOPCs but are prevalent throughout the site).

NOTES
 1. Screening levels are the lower of the DC Tier 0 Standards and the EPA Regional Screening Levels for industrial soil
 ft bgs = feet below ground surface
 TPH-DRO = diesel range total petroleum hydrocarbons
 PAH = polycyclic aromatic hydrocarbon
 AOPC = areas of potential concern

GENERAL ASSUMPTIONS
 Order of magnitude costs are for discussion and planning purposes only and are not budgetary costs
 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 costs
 Costs do not include additional investigation/delineation sampling
 Costs do not include groundwater remediation, dewatering mitigation, or potential vapor intrusion mitigation
 Profiling sampling frequency and analyses may change based on disposal facility requirements
 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**

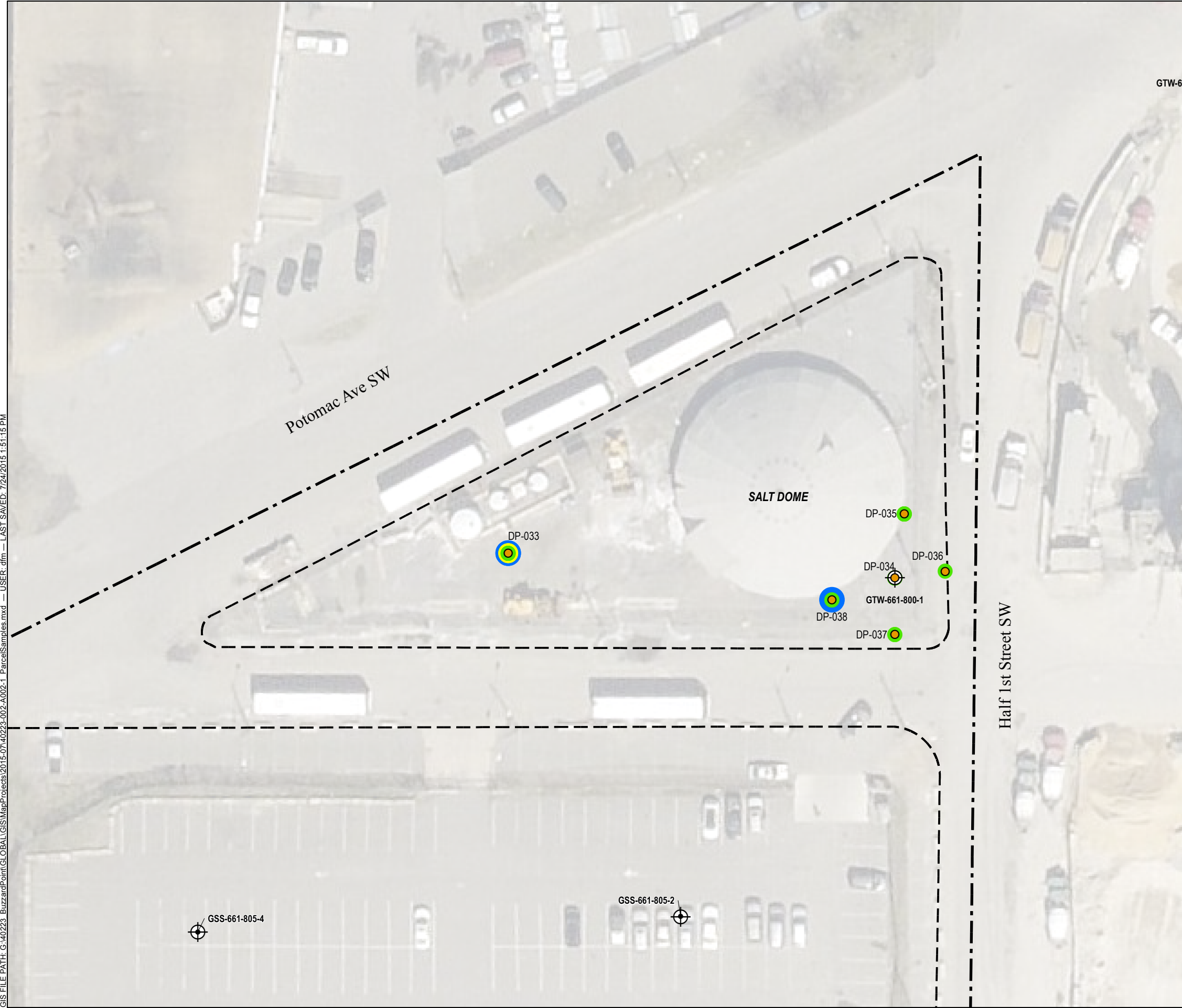
DISTRICT OF COLUMBIA
PARCEL AT BUZZARD POINT, SQUARE 0661, LOT 0800
WASHINGTON D.C.

SITE LOCUS

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

FIGURE 1

GIS FILE PATH: G:\40223 BuzzardPoint\GLOBAL\GIS\MapProjects\2015-07-40223-002-A002-1 ParcelSamples.mxd — USER: dfm — LAST SAVED: 7/24/2015 1:51:15 PM

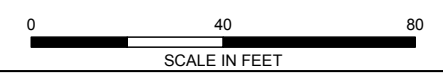


LEGEND

- GTW-661-800-1 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 PAHS 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. PAH = POLYCYCLIC AROMATIC HYDROCARBONS
6. TPH = TOTAL PETROLEUM HYDROCARBONS



HALEY ALDRICH DISTRICT OF COLUMBIA
PARCEL AT BUZZARD POINT, SQUARE 0661, LOT 0800
WASHINGTON, D.C.

SAMPLE LOCATIONS AND EXCEEDANCES

JULY 2015

FIGURE 2

APPENDIX A

Boring Logs

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Driller M. Robins
Type			NA	Rig Make & Model:	H&A Rep. A. Fleming
Inside Diameter (in.)			NA	Bit Type: Cutting Head	Elevation
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Datum
Hammer Fall (in.)	NA	NA	-	Casing:	Location See Plan
				Hoist/Hammer:	
				PID Make & Model: MiniRAE 2000	

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 60	0.5 1.0	ND	0.5	SM	ASPHALT Tan to black silty SAND, no odor, moist, trace asphalt, bricks and ash
						-FILL-
5	G2 60	4.5 5.0	ND	4.5	SM	Brown and gray silty SAND, no odor, moist
					CL	7.0 Red-brown lean CLAY with silt, no odor, moist
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

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) 10.0 Rock Cored (ft) - Samples 2G
						Boring No. DP-033

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 C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Driller M. Robins
Type			NA	Rig Make & Model:	H&A Rep. A. Fleming
Inside Diameter (in.)			NA	Bit Type: Cutting Head	Elevation
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Datum
Hammer Fall (in.)	NA	NA	-	Casing:	Location See Plan
				Hoist/Hammer:	
				PID Make & Model: MiniRAE 2000	

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 60	0.5	ND	0.5		ASPHALT
		1.0				Red-brown silty SAND with gravel, no odor, moist, concrete at 3.5 ft
						-FILL-
5	G2 60	4.5	ND	6.5	CL	Red-brown clean CLAY with silt, no odor, moist
		5.0				
10		9.5		10.0		BOTTOM OF EXPLORATION 10.0 FT
		10.0				

C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15 HA-TB-CORE+WELL-07-1.GDT 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) 10.0 Rock Cored (ft) - Samples 2G Boring No. DP-034
			Bottom of Casing			
			Bottom of Hole			

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.

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Driller M. Robins
Type			NA	Rig Make & Model:	H&A Rep. A. Fleming
Inside Diameter (in.)			NA	Bit Type: Cutting Head	Elevation
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Datum
Hammer Fall (in.)	NA	NA	-	Casing:	Location See Plan
				Hoist/Hammer:	
				PID Make & Model: MiniRAE 2000	

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 60	0.5	ND	0.3	ML	ASPHALT
		1.0				Tan to brown sandy SILT, trace gravel at 1.5 ft, no odor, moist, 20-25% lean clay, trace asphalt pockets
						-FILL-
5	G2 60	4.5	ND	5.5	SM	Tan to brown sandy SILT, no odor, moist, 20-25% clay, tan/gray mottling
		5.0				-ALLUVIAL DEPOSITS-
10		9.5		10.0		BOTTOM OF EXPLORATION 10.0 FT
		10.0				

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) 10.0 Rock Cored (ft) - Samples 2G	Boring No. DP-035
			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 C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15



GEOPROBE REPORT

Boring No. DP-036

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	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

Driller M. Robins
 H&A Rep. A. Fleming
 Elevation Datum
 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 31	0.5 1.0	ND	0.4	ML	ASPHALT Tan sandy SILT, no odor, moist, trace pockets of poorly graded sand with silt
						-ALLUVIAL DEPOSITS-
5	G2 60	4.5 5.0	ND			
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT Note: Upper portion of exploration potentially reworked natural. G1 and G2 had no evidence to prove that though.
15						

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) 10.0 Rock Cored (ft) - Samples 2G Boring No. DP-036

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 C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Driller M. Robins
Type			NA	Rig Make & Model:	H&A Rep. A. Fleming
Inside Diameter (in.)			NA	Bit Type: Cutting Head	Elevation
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Datum
Hammer Fall (in.)	NA	NA	-	Casing:	Location See Plan
				Hoist/Hammer:	
				PID Make & Model: MiniRAE 2000	

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	ND	0.4	ML	ASPHALT
		1.0				Tan to brown sandy SILT, no odor, moist, 25-30% sandy lean clay, trace concrete rubble (reworked natural) -FILL-
				1.5	ML	Tan to brown sandy SILT, no odor, moist, 25-30% sandy lean clay
5	G2 55	4.5	ND			
		5.0				
				10.0		-ALLUVIAL DEPOSITS-
10		9.5				BOTTOM OF EXPLORATION 10.0 FT
		10.0				

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 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) 10.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 2G	
						Boring No. DP-037		

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.

Project Buzzard Point, Washington, DC
 Client McKissack & McKissack
 Contractor Vironex

File No. 40223-002
 Sheet No. 1 of 1
 Start 09 July 2015
 Finish 09 July 2015

	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Driller M. Robins
Type			NA	Rig Make & Model:	H&A Rep. A. Fleming
Inside Diameter (in.)			NA	Bit Type: Cutting Head	Elevation
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Datum
Hammer Fall (in.)	NA	NA	-	Casing:	Location See Plan
				Hoist/Hammer:	
				PID Make & Model: MiniRAE 2000	

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	ND	0.6	ML/SC	ASPHALT Brown to black sandy SILT intermixed with sandy lean CLAY, trace concrete and asphalt (reworked natural)
						-FILL-
5	G2 58	4.5 5.0	ND	6.5	ML/SC	Brown to tan sandy SILT intermixed with sandy lean CLAY (35-40%), no odor, moist
						-ALLUVIAL DEPOSITS-
						Note: Soil wet at approximately 8.7 ft.
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 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) 10.0		
			Bottom of Casing			Bottom of Hole	Water	Rock Cored (ft) -
								Samples 2G
						Boring No. DP-038		

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.

APPENDIX B

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1515823
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:	07/20/15

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Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515823-01	TB01-070915	WATER	Not Specified	07/09/15 07:30	07/09/15
L1515823-02	EB01-070915	WATER	Not Specified	07/09/15 15:10	07/09/15
L1515823-03	DP-033-SO-010-01	SOIL	Not Specified	07/09/15 07:55	07/09/15
L1515823-04	DP-033-SO-010-02	SOIL	Not Specified	07/09/15 07:55	07/09/15
L1515823-05	DP-033-SO-050-01	SOIL	Not Specified	07/09/15 08:00	07/09/15
L1515823-06	DP-033-SO-100-01	SOIL	Not Specified	07/09/15 08:05	07/09/15
L1515823-07	DP-034-SO-010-01	SOIL	Not Specified	07/09/15 08:17	07/09/15
L1515823-08	DP-034-SO-050-01	SOIL	Not Specified	07/09/15 08:20	07/09/15
L1515823-09	DP-034-SO-100-01	SOIL	Not Specified	07/09/15 08:25	07/09/15
L1515823-10	DP-035-SO-010-01	SOIL	Not Specified	07/09/15 08:45	07/09/15
L1515823-11	DP-035-SO-050-01	SOIL	Not Specified	07/09/15 08:46	07/09/15
L1515823-12	DP-035-SO-100-01	SOIL	Not Specified	07/09/15 08:55	07/09/15
L1515823-13	DP-035-SO-100-02	SOIL	Not Specified	07/09/15 08:55	07/09/15
L1515823-14	DP-036-SO-010-01	SOIL	Not Specified	07/09/15 09:05	07/09/15
L1515823-15	DP-036-SO-050-01	SOIL	Not Specified	07/09/15 09:07	07/09/15
L1515823-16	DP-036-SO-100-01	SOIL	Not Specified	07/09/15 09:15	07/09/15
L1515823-17	DP-037-SO-010-01	SOIL	Not Specified	07/09/15 09:38	07/09/15
L1515823-18	DP-037-SO-050-01	SOIL	Not Specified	07/09/15 09:40	07/09/15
L1515823-19	DP-037-SO-100-01	SOIL	Not Specified	07/09/15 09:45	07/09/15
L1515823-20	DP-038-SO-010-01	SOIL	Not Specified	07/09/15 09:55	07/09/15
L1515823-21	DP-038-SO-050-01	SOIL	Not Specified	07/09/15 10:00	07/09/15
L1515823-22	DP-038-SO-100-01	SOIL	Not Specified	07/09/15 10:05	07/09/15
L1515823-23	DP-039-SO-010-01	SOIL	Not Specified	07/09/15 13:10	07/09/15
L1515823-24	DP-039-SO-050-01	SOIL	Not Specified	07/09/15 13:15	07/09/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515823-25	DP-039-SO-050-02	SOIL	Not Specified	07/09/15 13:15	07/09/15
L1515823-26	DP-039-SO-100-01	SOIL	Not Specified	07/09/15 13:18	07/09/15
L1515823-27	DP-040-SO-010-01	SOIL	Not Specified	07/09/15 13:22	07/09/15
L1515823-28	DP-040-SO-050-01	SOIL	Not Specified	07/09/15 13:25	07/09/15
L1515823-29	DP-040-SO-100-01	SOIL	Not Specified	07/09/15 13:28	07/09/15
L1515823-30	DP-040-SO-100-02	SOIL	Not Specified	07/09/15 13:28	07/09/15
L1515823-31	DP-043-SO-100-01	SOIL	Not Specified	07/09/15 14:40	07/09/15
L1515823-32	DP-044-SO-010-01	SOIL	Not Specified	07/09/15 14:43	07/09/15
L1515823-33	DP-044-SO-050-01	SOIL	Not Specified	07/09/15 14:45	07/09/15
L1515823-34	DP-044-SO-100-01	SOIL	Not Specified	07/09/15 14:50	07/09/15
L1515823-35	DP-045-SO-010-01	SOIL	Not Specified	07/09/15 14:55	07/09/15
L1515823-36	DP-045-SO-050-01	SOIL	Not Specified	07/09/15 15:00	07/09/15
L1515823-37	DP-045-SO-100-01	SOIL	Not Specified	07/09/15 15:05	07/09/15
L1515823-38	DP-046-SO-010-01	SOIL	Not Specified	07/09/15 13:30	07/09/15
L1515823-39	DP-046-SO-100-01	SOIL	Not Specified	07/09/15 13:37	07/09/15
L1515823-40	DP-041-SO-010-01	SOIL	Not Specified	07/09/15 13:43	07/09/15
L1515823-41	DP-041-SO-050-01	SOIL	Not Specified	07/09/15 13:45	07/09/15
L1515823-42	DP-041-SO-100-01	SOIL	Not Specified	07/09/15 13:48	07/09/15
L1515823-43	DP-042-SO-010-01	SOIL	Not Specified	07/09/15 14:05	07/09/15
L1515823-44	DP-042-SO-050-01	SOIL	Not Specified	07/09/15 14:10	07/09/15
L1515823-45	DP-042-SO-100-01	SOIL	Not Specified	07/09/15 14:15	07/09/15
L1515823-46	DP-043-SO-010-01	SOIL	Not Specified	07/09/15 14:30	07/09/15
L1515823-47	DP-043-SO-050-01	SOIL	Not Specified	07/09/15 14:35	07/09/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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: L1515823
Report Date: 07/20/15

Case Narrative (continued)

Report Submission

This final report replaces the partial report issued July 16, 2015, and includes the results of all requested analyses.

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

Semivolatile Organics

L1515823-03, -04, -23, -35, -40, and -47: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1515823-43: The surrogate recoveries are below the acceptance criteria for nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Petroleum Hydrocarbon Quantitation

WG801749: An LCSD was performed in lieu of a Laboratory Duplicate due to insufficient sample volume available for analysis.

The WG801808-3 Laboratory Duplicate RPD, performed on L1515823-35, 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.

The WG802239-3 Laboratory Duplicate RPD, performed on L1515823-20, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (48%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Gasoline Range Organics

L1515823-02: A laboratory duplicate and matrix spike could not be performed due to the matrix submitted for analysis.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Case Narrative (continued)

Metals

L1515823-03 through -47 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG801841-4 MS recoveries for aluminum (2700%), calcium (0%), and iron (7710%) performed on L1515823-17, do not apply because the sample concentration is greater than four times the spike amount added.

The WG801841-4 MS recoveries, performed on L1515823-17, are outside the acceptance criteria for magnesium (198%), manganese (176%) and sodium (220%). A post digestion spike was performed and was within acceptance criteria.

The WG802299-4 MS recovery, performed on L1515823-17, is outside the acceptance criteria for mercury (137%). A post digestion spike was performed and was within acceptance criteria.

The WG801841-3 Laboratory Duplicate RPDs, performed on L1515823-17, are outside the acceptance criteria for barium (48%), calcium (157%), copper (46%), lead (98%), magnesium (71%), manganese (29%), nickel (62%), sodium (21%) and zinc (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:

 Lisa Westerlind

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-01
 Client ID: TB01-070915
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/15 13:17
 Analyst: PD

Date Collected: 07/09/15 07:30
 Date Received: 07/09/15
 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: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-01

Date Collected: 07/09/15 07:30

Client ID: TB01-070915

Date Received: 07/09/15

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
1,1,1,2-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	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
 Client ID: EB01-070915
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/15 13:44
 Analyst: PD

Date Collected: 07/09/15 15:10
 Date Received: 07/09/15
 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	3.8	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	2.6	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
Client ID: EB01-070915
Sample Location: Not Specified

Date Collected: 07/09/15 15:10
Date Received: 07/09/15
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	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	111		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 11:51
 Analyst: BN
 Percent Solids: 88%

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0057	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Bromomethane	ND		mg/kg	0.0023	0.00038	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00031	1
Methylene chloride	ND		mg/kg	0.0057	0.0013	1
Acetone	0.0090	J	mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0057	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00013	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	ND		mg/kg	0.0011	0.00013	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 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	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00013	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	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
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00017	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 12:19
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0057	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00031	1
Methylene chloride	ND		mg/kg	0.0057	0.0013	1
Acetone	ND		mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0057	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00013	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 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	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00013	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	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
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 12:46
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0060	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00041	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0060	0.00047	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00032	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00033	1
Methylene chloride	ND		mg/kg	0.0060	0.0013	1
Acetone	ND		mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00026	1
Methyl Acetate	ND		mg/kg	0.0048	0.00032	1
Methyl tert butyl ether	0.0017	J	mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00018	1
Bromochloromethane	ND		mg/kg	0.0060	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00045	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00033	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00019	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00028	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00037	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00080	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00017	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00048	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 13:13
 Analyst: BN
 Percent Solids: 85%

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0059	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Chloroethane	ND		mg/kg	0.0024	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00046	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00032	1
Methylene chloride	ND		mg/kg	0.0059	0.0013	1
Acetone	ND		mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0047	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
Bromochloromethane	ND		mg/kg	0.0059	0.00032	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00078	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0024	0.00047	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 14:35
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0060	0.00036	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00041	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0060	0.00047	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00032	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00033	1
Methylene chloride	ND		mg/kg	0.0060	0.0013	1
Acetone	ND		mg/kg	0.044	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00026	1
Methyl Acetate	ND		mg/kg	0.0048	0.00033	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00018	1
Bromochloromethane	ND		mg/kg	0.0060	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00045	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00033	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00019	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00028	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00030	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00015	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00037	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00081	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	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
Styrene	ND		mg/kg	0.0024	0.00049	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00017	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00048	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 15:03
 Analyst: BN
 Percent Solids: 83%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0060	0.00036	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00041	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0060	0.00047	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00032	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00033	1
Methylene chloride	ND		mg/kg	0.0060	0.0013	1
Acetone	0.0068	J	mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00026	1
Methyl Acetate	ND		mg/kg	0.0048	0.00033	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00018	1
Bromochloromethane	ND		mg/kg	0.0060	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00045	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00033	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00019	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00028	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00024	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00037	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00080	1
Chlorobenzene	ND		mg/kg	0.0012	0.00042	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00017	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00048	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 15:30
 Analyst: BN
 Percent Solids: 86%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0058	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0058	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	ND		mg/kg	0.0058	0.0013	1
Acetone	0.0055	J	mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0047	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0058	0.00032	1
Chloroform	0.00062	J	mg/kg	0.0018	0.00043	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0041	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00078	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0023	0.00047	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0058	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0058	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0058	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0058	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 15:58
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0057	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00031	1
Methylene chloride	ND		mg/kg	0.0057	0.0013	1
Acetone	ND		mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0057	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00013	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 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	0.0011	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	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
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 16:26
 Analyst: BN
 Percent Solids: 84%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0059	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00046	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00032	1
Methylene chloride	ND		mg/kg	0.0059	0.0013	1
Acetone	ND		mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0048	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
Bromochloromethane	ND		mg/kg	0.0059	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00079	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 16:53
 Analyst: BN
 Percent Solids: 84%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0059	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00046	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00032	1
Methylene chloride	ND		mg/kg	0.0059	0.0013	1
Acetone	ND		mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0048	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
Bromochloromethane	ND		mg/kg	0.0059	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00079	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 17:21
 Analyst: BN
 Percent Solids: 87%

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0058	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0058	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00030	1
Carbon disulfide	0.0032	J	mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	ND		mg/kg	0.0058	0.0013	1
Acetone	0.026	J	mg/kg	0.042	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00016	1
Cyclohexane	0.0010	J	mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0058	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00043	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00031	1
Benzene	0.00051	J	mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	0.0035	J	mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	0.00050	J	mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00077	1
Chlorobenzene	ND		mg/kg	0.0012	0.00040	1
Ethylbenzene	0.0024		mg/kg	0.0012	0.00015	1
p/m-Xylene	0.0033		mg/kg	0.0023	0.00023	1
o-Xylene	0.0029		mg/kg	0.0023	0.00020	1
Xylenes, Total	0.0062		mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	0.0012		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0058	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0058	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0058	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0058	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 17:48
 Analyst: BN
 Percent Solids: 87%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00022	1
Chloromethane	ND		mg/kg	0.0058	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00014	1
Bromomethane	ND		mg/kg	0.0023	0.00039	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0058	0.00045	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00030	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00032	1
Methylene chloride	ND		mg/kg	0.0058	0.0013	1
Acetone	ND		mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0058	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00031	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.016	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:40
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.012	0.00077	1
Chlorobenzene	ND		mg/kg	0.0012	0.00040	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
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0058	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0058	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0058	0.00046	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0058	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0058	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 18:16
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0059	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Chloroethane	ND		mg/kg	0.0024	0.00037	1
Trichlorofluoromethane	ND		mg/kg	0.0059	0.00046	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00032	1
Methylene chloride	ND		mg/kg	0.0059	0.0013	1
Acetone	ND		mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0047	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
Bromochloromethane	ND		mg/kg	0.0059	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0047	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00020	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0047	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00079	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0047	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0059	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0059	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0059	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0059	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0059	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 18:43
 Analyst: BN
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0057	0.00034	1
Vinyl chloride	ND		mg/kg	0.0023	0.00013	1
Bromomethane	ND		mg/kg	0.0023	0.00038	1
Chloroethane	ND		mg/kg	0.0023	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0057	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.023	0.00031	1
Methylene chloride	ND		mg/kg	0.0057	0.0013	1
Acetone	0.011	J	mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0046	0.00031	1
Methyl tert butyl ether	ND		mg/kg	0.0023	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.023	0.00017	1
Bromochloromethane	ND		mg/kg	0.0057	0.00032	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00013	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	ND		mg/kg	0.0011	0.00013	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	0.0014	J	mg/kg	0.0046	0.00018	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
Client ID: DP-038-SO-010-01
Sample Location: Not Specified

Date Collected: 07/09/15 09:55
Date Received: 07/09/15
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	0.0011	0.00013	1
Toluene	0.00035	J	mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00013	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00035	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0046	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00076	1
Chlorobenzene	ND		mg/kg	0.0011	0.00040	1
Ethylbenzene	0.00059	J	mg/kg	0.0011	0.00014	1
p/m-Xylene	0.0011	J	mg/kg	0.0023	0.00022	1
o-Xylene	0.0012	J	mg/kg	0.0023	0.00020	1
Xylenes, Total	0.0023	J	mg/kg	0.0023	0.00020	1
Styrene	ND		mg/kg	0.0023	0.00046	1
Bromoform	ND		mg/kg	0.0046	0.00027	1
Isopropylbenzene	0.00029	J	mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0057	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0057	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0057	0.00017	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0057	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0057	0.00021	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0057	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/14/15 19:10
 Analyst: BN
 Percent Solids: 89%

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.011	0.00022	1
Chloromethane	ND		mg/kg	0.0056	0.00033	1
Vinyl chloride	ND		mg/kg	0.0022	0.00013	1
Bromomethane	ND		mg/kg	0.0022	0.00038	1
Chloroethane	ND		mg/kg	0.0022	0.00036	1
Trichlorofluoromethane	ND		mg/kg	0.0056	0.00044	1
1,1-Dichloroethene	ND		mg/kg	0.0011	0.00030	1
Carbon disulfide	ND		mg/kg	0.011	0.0012	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.022	0.00031	1
Methylene chloride	ND		mg/kg	0.0056	0.0012	1
Acetone	ND		mg/kg	0.041	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0017	0.00024	1
Methyl Acetate	ND		mg/kg	0.0045	0.00030	1
Methyl tert butyl ether	ND		mg/kg	0.0022	0.00009	1
1,1-Dichloroethane	ND		mg/kg	0.0017	0.00009	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0011	0.00016	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0011	0.00016	1
Cyclohexane	ND		mg/kg	0.022	0.00016	1
Bromochloromethane	ND		mg/kg	0.0056	0.00031	1
Chloroform	ND		mg/kg	0.0017	0.00042	1
Carbon tetrachloride	ND		mg/kg	0.0011	0.00024	1
1,1,1-Trichloroethane	ND		mg/kg	0.0011	0.00012	1
2-Butanone	ND		mg/kg	0.011	0.00031	1
Benzene	ND		mg/kg	0.0011	0.00013	1
1,2-Dichloroethane	ND		mg/kg	0.0011	0.00013	1
Methyl cyclohexane	ND		mg/kg	0.0045	0.00017	1
Trichloroethene	ND		mg/kg	0.0011	0.00014	1
1,2-Dichloropropane	ND		mg/kg	0.0040	0.00026	1
Bromodichloromethane	ND		mg/kg	0.0011	0.00020	1
1,4-Dioxane	ND		mg/kg	0.11	0.016	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 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	0.0011	0.00013	1
Toluene	ND		mg/kg	0.0017	0.00022	1
4-Methyl-2-pentanone	ND		mg/kg	0.011	0.00028	1
Tetrachloroethene	ND		mg/kg	0.0011	0.00016	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0011	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0011	0.00013	1
1,1,2-Trichloroethane	ND		mg/kg	0.0017	0.00034	1
Dibromochloromethane	ND		mg/kg	0.0011	0.00017	1
1,2-Dibromoethane	ND		mg/kg	0.0045	0.00020	1
2-Hexanone	ND		mg/kg	0.011	0.00075	1
Chlorobenzene	ND		mg/kg	0.0011	0.00039	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
Styrene	ND		mg/kg	0.0022	0.00045	1
Bromoform	ND		mg/kg	0.0045	0.00027	1
Isopropylbenzene	ND		mg/kg	0.0011	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0011	0.00011	1
1,3-Dichlorobenzene	ND		mg/kg	0.0056	0.00015	1
1,4-Dichlorobenzene	ND		mg/kg	0.0056	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0056	0.00017	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0056	0.00045	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0056	0.00020	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0056	0.00017	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/15/15 11:23
 Analyst: BN
 Percent Solids: 84%

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		mg/kg	0.012	0.00023	1
Chloromethane	ND		mg/kg	0.0060	0.00035	1
Vinyl chloride	ND		mg/kg	0.0024	0.00014	1
Bromomethane	ND		mg/kg	0.0024	0.00040	1
Chloroethane	ND		mg/kg	0.0024	0.00038	1
Trichlorofluoromethane	ND		mg/kg	0.0060	0.00046	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00031	1
Carbon disulfide	ND		mg/kg	0.012	0.0013	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.024	0.00033	1
Methylene chloride	ND		mg/kg	0.0060	0.0013	1
Acetone	0.0038	J	mg/kg	0.043	0.0012	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00025	1
Methyl Acetate	ND		mg/kg	0.0048	0.00032	1
Methyl tert butyl ether	ND		mg/kg	0.0024	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00017	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00017	1
Cyclohexane	ND		mg/kg	0.024	0.00017	1
Bromochloromethane	ND		mg/kg	0.0060	0.00033	1
Chloroform	ND		mg/kg	0.0018	0.00044	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00025	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00013	1
2-Butanone	ND		mg/kg	0.012	0.00032	1
Benzene	ND		mg/kg	0.0012	0.00014	1
1,2-Dichloroethane	ND		mg/kg	0.0012	0.00014	1
Methyl cyclohexane	ND		mg/kg	0.0048	0.00018	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0042	0.00027	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
1,4-Dioxane	ND		mg/kg	0.12	0.017	1

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 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	0.0012	0.00014	1
Toluene	ND		mg/kg	0.0018	0.00023	1
4-Methyl-2-pentanone	ND		mg/kg	0.012	0.00029	1
Tetrachloroethene	ND		mg/kg	0.0012	0.00017	1
trans-1,3-Dichloropropene	ND		mg/kg	0.0012	0.00014	1
1,3-Dichloropropene, Total	ND		mg/kg	0.0012	0.00014	1
1,1,2-Trichloroethane	ND		mg/kg	0.0018	0.00036	1
Dibromochloromethane	ND		mg/kg	0.0012	0.00018	1
1,2-Dibromoethane	ND		mg/kg	0.0048	0.00021	1
2-Hexanone	ND		mg/kg	0.012	0.00079	1
Chlorobenzene	ND		mg/kg	0.0012	0.00041	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
Styrene	ND		mg/kg	0.0024	0.00048	1
Bromoform	ND		mg/kg	0.0048	0.00028	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00012	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,4-Dichlorobenzene	ND		mg/kg	0.0060	0.00016	1
1,2-Dichlorobenzene	ND		mg/kg	0.0060	0.00018	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0060	0.00047	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0060	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0060	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/15 12:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801952-3					
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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/12/15 12:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801952-3					
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	0.35	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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/12/15 12:49
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801952-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-21 Batch: WG802754-3					
Dichlorodifluoromethane	ND		mg/kg	0.010	0.00019
Chloromethane	0.00087	J	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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-21 Batch: WG802754-3					
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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-21 Batch: WG802754-3					
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	98		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/15/15 08:48
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG802892-3					
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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/15/15 08:48
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG802892-3					
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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/15/15 08:48
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG802892-3					
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	78		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG801952-1 WG801952-2								
Dichlorodifluoromethane	108		111		36-147	3		20
Chloromethane	94		94		64-130	0		20
Vinyl chloride	96		99		55-140	3		20
Bromomethane	82		82		39-139	0		20
Chloroethane	86		88		55-138	2		20
Trichlorofluoromethane	87		92		62-150	6		20
1,1-Dichloroethene	100		105		61-145	5		20
Carbon disulfide	114		110		51-130	4		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		104		70-130	5		20
Methylene chloride	106		106		70-130	0		20
Acetone	123		102		58-148	19		20
trans-1,2-Dichloroethene	98		101		70-130	3		20
Methyl Acetate	104		101		70-130	3		20
Methyl tert butyl ether	97		99		63-130	2		20
1,1-Dichloroethane	101		104		70-130	3		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Cyclohexane	98		99		70-130	1		20
Bromochloromethane	107		108		70-130	1		20
Chloroform	100		102		70-130	2		20
Carbon tetrachloride	97		101		63-132	4		20
1,1,1-Trichloroethane	95		98		67-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG801952-1 WG801952-2								
2-Butanone	101		95		63-138	6		20
Benzene	101		99		70-130	2		20
1,2-Dichloroethane	93		94		70-130	1		20
Methyl cyclohexane	102		99		70-130	3		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichloropropane	98		98		70-130	0		20
Bromodichloromethane	97		98		67-130	1		20
1,4-Dioxane	117		104		56-162	12		20
cis-1,3-Dichloropropene	97		98		70-130	1		20
Toluene	107		100		70-130	7		20
Tetrachloroethene	98		99		70-130	1		20
4-Methyl-2-pentanone	83		80		59-130	4		20
trans-1,3-Dichloropropene	94		100		70-130	6		20
1,1,2-Trichloroethane	104		102		70-130	2		20
Dibromochloromethane	100		106		63-130	6		20
1,2-Dibromoethane	97		102		70-130	5		20
2-Hexanone	84		82		57-130	2		20
Chlorobenzene	98		99		75-130	1		20
Ethylbenzene	95		97		70-130	2		20
p/m-Xylene	98		99		70-130	1		20
o-Xylene	96		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG801952-1 WG801952-2								
Styrene	94		96		70-130	2		20
Bromoform	90		94		54-136	4		20
Isopropylbenzene	95		94		70-130	1		20
1,1,2,2-Tetrachloroethane	92		98		67-130	6		20
1,3,5-Trimethylbenzene	97		95		64-130	2		20
1,2,4-Trimethylbenzene	97		94		70-130	3		20
1,3-Dichlorobenzene	95		96		70-130	1		20
1,4-Dichlorobenzene	92		96		70-130	4		20
1,2-Dichlorobenzene	92		95		70-130	3		20
1,2-Dibromo-3-chloropropane	82		88		41-144	7		20
1,2,4-Trichlorobenzene	74		85		70-130	14		20
Naphthalene	68	Q	86		70-130	23	Q	20
1,2,3-Trichlorobenzene	71		88		70-130	21	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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 Batch: WG802754-1 WG802754-2								
Dichlorodifluoromethane	116		106		30-146	9		30
Chloromethane	94		89		52-130	5		30
Vinyl chloride	107		98		67-130	9		30
Bromomethane	136		128		57-147	6		30
Chloroethane	110		100		50-151	10		30
Trichlorofluoromethane	126		116		70-139	8		30
1,1-Dichloroethene	117		106		65-135	10		30
Carbon disulfide	107		97		59-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	118		108		50-139	9		30
Acrolein	88		85		51-130	3		30
Methylene chloride	104		101		70-130	3		30
Acetone	94		94		54-140	0		30
trans-1,2-Dichloroethene	115		108		70-130	6		30
Methyl Acetate	91		96		51-146	5		30
Methyl tert butyl ether	104		103		66-130	1		30
1,1-Dichloroethane	112		107		70-130	5		30
Acrylonitrile	104		106		70-130	2		30
cis-1,2-Dichloroethene	116		110		70-130	5		30
2,2-Dichloropropane	112		104		70-130	7		30
Cyclohexane	125		116		59-142	7		30
Bromochloromethane	117		114		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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 Batch: WG802754-1 WG802754-2								
Chloroform	113		109		70-130	4		30
Carbon tetrachloride	121		113		70-130	7		30
1,1,1-Trichloroethane	121		112		70-130	8		30
2-Butanone	101		105		70-130	4		30
1,1-Dichloropropene	122		113		70-130	8		30
Benzene	113		106		70-130	6		30
1,2-Dichloroethane	103		102		70-130	1		30
Methyl cyclohexane	129		120		70-130	7		30
Trichloroethene	118		112		70-130	5		30
1,2-Dichloropropane	112		108		70-130	4		30
Bromodichloromethane	108		105		70-130	3		30
1,4-Dioxane	101		103		65-136	2		30
2-Chloroethylvinyl ether	117		113		70-130	3		30
cis-1,3-Dichloropropene	109		106		70-130	3		30
Toluene	101		96		70-130	5		30
4-Methyl-2-pentanone	103		105		70-130	2		30
Tetrachloroethene	111		103		70-130	7		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
1,1,2-Trichloroethane	97		95		70-130	2		30
Dibromochloromethane	98		95		70-130	3		30
1,3-Dichloropropane	96		95		69-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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 Batch: WG802754-1 WG802754-2								
1,2-Dibromoethane	98		96		70-130	2		30
2-Hexanone	77		79		70-130	3		30
Chlorobenzene	104		99		70-130	5		30
Ethylbenzene	104		98		70-130	6		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
p/m-Xylene	105		99		70-130	6		30
o-Xylene	103		98		70-130	5		30
Styrene	104		99		70-130	5		30
Bromoform	92		93		70-130	1		30
Isopropylbenzene	107		100		70-130	7		30
Bromobenzene	96		95		70-130	1		30
1,1,2,2-Tetrachloroethane	88		89		70-130	1		30
o-Chlorotoluene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	99		94		70-130	5		30
1,2,3-Trichloropropane	89		90		68-130	1		30
p-Chlorotoluene	98		93		70-130	5		30
tert-Butylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	96		92		70-130	4		30
sec-Butylbenzene	101		96		70-130	5		30
p-Isopropyltoluene	101		96		70-130	5		30
1,3-Dichlorobenzene	98		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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 Batch: WG802754-1 WG802754-2								
1,4-Dichlorobenzene	97		94		70-130	3		30
n-Butylbenzene	102		96		70-130	6		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	90		91		68-130	1		30
Hexachlorobutadiene	104		97		67-130	7		30
1,2,4-Trichlorobenzene	97		95		70-130	2		30
Naphthalene	89		89		70-130	0		30
1,2,3-Trichlorobenzene	95		93		70-130	2		30
tert-Butyl Alcohol	100		103		40-160	3		30
Tertiary-Amyl Methyl Ether	105		104		70-130	1		30
Isopropyl Ether	102		99		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG802892-1 WG802892-2								
Dichlorodifluoromethane	98		86		30-146	13		30
Chloromethane	114		106		52-130	7		30
Vinyl chloride	116		104		67-130	11		30
Bromomethane	86		74		57-147	15		30
Chloroethane	111		93		50-151	18		30
Trichlorofluoromethane	106		92		70-139	14		30
1,1-Dichloroethene	127		112		65-135	13		30
Carbon disulfide	87		72		59-130	19		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	124		108		50-139	14		30
Acrolein	91		86		51-130	6		30
Methylene chloride	112		107		70-130	5		30
Acetone	87		82		54-140	6		30
trans-1,2-Dichloroethene	119		109		70-130	9		30
Methyl Acetate	112		108		51-146	4		30
Methyl tert butyl ether	99		95		66-130	4		30
1,1-Dichloroethane	112		104		70-130	7		30
Acrylonitrile	117		113		70-130	3		30
cis-1,2-Dichloroethene	113		106		70-130	6		30
2,2-Dichloropropane	103		92		70-130	11		30
Cyclohexane	143	Q	125		59-142	13		30
Bromochloromethane	104		100		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG802892-1 WG802892-2								
Chloroform	100		93		70-130	7		30
Carbon tetrachloride	96		85		70-130	12		30
1,1,1-Trichloroethane	97		87		70-130	11		30
2-Butanone	100		99		70-130	1		30
1,1-Dichloropropene	112		99		70-130	12		30
Benzene	120		112		70-130	7		30
1,2-Dichloroethane	81		78		70-130	4		30
Methyl cyclohexane	133	Q	117		70-130	13		30
Trichloroethene	111		101		70-130	9		30
1,2-Dichloropropane	117		111		70-130	5		30
Bromodichloromethane	91		88		70-130	3		30
1,4-Dioxane	103		100		65-136	3		30
2-Chloroethylvinyl ether	100		97		70-130	3		30
cis-1,3-Dichloropropene	107		103		70-130	4		30
Toluene	110		101		70-130	9		30
4-Methyl-2-pentanone	99		97		70-130	2		30
Tetrachloroethene	96		86		70-130	11		30
trans-1,3-Dichloropropene	94		91		70-130	3		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Dibromochloromethane	88		84		70-130	5		30
1,3-Dichloropropane	98		95		69-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG802892-1 WG802892-2								
1,2-Dibromoethane	97		94		70-130	3		30
2-Hexanone	94		90		70-130	4		30
Chlorobenzene	101		95		70-130	6		30
Ethylbenzene	107		98		70-130	9		30
1,1,1,2-Tetrachloroethane	92		86		70-130	7		30
p/m-Xylene	111		102		70-130	8		30
o-Xylene	107		100		70-130	7		30
Styrene	108		102		70-130	6		30
Bromoform	90		86		70-130	5		30
Isopropylbenzene	108		98		70-130	10		30
Bromobenzene	99		94		70-130	5		30
1,1,2,2-Tetrachloroethane	104		101		70-130	3		30
o-Chlorotoluene	108		101		70-130	7		30
1,3,5-Trimethylbenzene	108		100		70-130	8		30
1,2,3-Trichloropropane	96		93		68-130	3		30
p-Chlorotoluene	106		99		70-130	7		30
tert-Butylbenzene	108		99		70-130	9		30
1,2,4-Trimethylbenzene	107		100		70-130	7		30
sec-Butylbenzene	116		105		70-130	10		30
p-Isopropyltoluene	113		104		70-130	8		30
1,3-Dichlorobenzene	101		95		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG802892-1 WG802892-2								
1,4-Dichlorobenzene	98		93		70-130	5		30
n-Butylbenzene	115		105		70-130	9		30
1,2-Dichlorobenzene	96		92		70-130	4		30
1,2-Dibromo-3-chloropropane	82		78		68-130	5		30
Hexachlorobutadiene	96		86		67-130	11		30
1,2,4-Trichlorobenzene	97		92		70-130	5		30
Naphthalene	97		92		70-130	5		30
1,2,3-Trichlorobenzene	93		88		70-130	6		30
tert-Butyl Alcohol	91		87		40-160	4		30
Tertiary-Amyl Methyl Ether	102		99		70-130	3		30
Isopropyl Ether	114		108		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	75		75		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	107		108		70-130
Dibromofluoromethane	93		93		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
 Client ID: EB01-070915
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 21:49
 Analyst: PS

Date Collected: 07/09/15 15:10
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/10/15 21:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.2	0.36	1
2-Methylnaphthalene	ND		ug/l	2.2	0.38	1
2-Chloronaphthalene	ND		ug/l	2.2	0.49	1
Acenaphthylene	ND		ug/l	2.2	0.40	1
Acenaphthene	ND		ug/l	2.2	0.31	1
Fluorene	ND		ug/l	2.2	0.35	1
Phenanthrene	ND		ug/l	2.2	0.25	1
Anthracene	ND		ug/l	2.2	0.22	1
Fluoranthene	ND		ug/l	2.2	0.44	1
Pyrene	ND		ug/l	2.2	0.57	1
Benzo(a)anthracene	ND		ug/l	2.2	0.35	1
Chrysene	ND		ug/l	2.2	0.33	1
Benzo(b)fluoranthene	ND		ug/l	2.2	0.40	1
Benzo(k)fluoranthene	ND		ug/l	2.2	0.33	1
Benzo(a)pyrene	ND		ug/l	2.2	0.72	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.2	0.47	1
Dibenzo(a,h)anthracene	ND		ug/l	2.2	0.48	1
Benzo(ghi)perylene	ND		ug/l	2.2	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	74		15-120
4-Terphenyl-d14	92		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-03 D
 Client ID: DP-033-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:16
 Analyst: AS
 Percent Solids: 86%

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.82		mg/kg	0.38	0.13	2
2-Methylnaphthalene	1.9		mg/kg	0.46	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.38	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.071	2
Acenaphthene	1.0		mg/kg	0.30	0.078	2
Fluorene	1.5		mg/kg	0.38	0.11	2
Phenanthrene	5.7		mg/kg	0.23	0.074	2
Anthracene	1.8		mg/kg	0.23	0.063	2
Fluoranthene	3.8		mg/kg	0.23	0.070	2
Pyrene	2.8		mg/kg	0.23	0.074	2
Benzo(a)anthracene	1.2		mg/kg	0.23	0.075	2
Chrysene	1.1		mg/kg	0.23	0.075	2
Benzo(b)fluoranthene	1.0		mg/kg	0.23	0.077	2
Benzo(k)fluoranthene	0.43		mg/kg	0.23	0.073	2
Benzo(a)pyrene	0.87		mg/kg	0.30	0.093	2
Indeno(1,2,3-cd)pyrene	0.51		mg/kg	0.30	0.085	2
Dibenzo(a,h)anthracene	0.11	J	mg/kg	0.23	0.074	2
Benzo(ghi)perylene	0.43		mg/kg	0.30	0.079	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-04 D
 Client ID: DP-033-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:42
 Analyst: AS
 Percent Solids: 93%

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.79		mg/kg	0.35	0.12	2
2-Methylnaphthalene	2.0		mg/kg	0.42	0.11	2
2-Chloronaphthalene	ND		mg/kg	0.35	0.11	2
Acenaphthylene	ND		mg/kg	0.28	0.065	2
Acenaphthene	1.3		mg/kg	0.28	0.072	2
Fluorene	1.7		mg/kg	0.35	0.10	2
Phenanthrene	6.9		mg/kg	0.21	0.068	2
Anthracene	2.2		mg/kg	0.21	0.058	2
Fluoranthene	4.8		mg/kg	0.21	0.064	2
Pyrene	3.6		mg/kg	0.21	0.068	2
Benzo(a)anthracene	1.6		mg/kg	0.21	0.068	2
Chrysene	1.4		mg/kg	0.21	0.069	2
Benzo(b)fluoranthene	1.4		mg/kg	0.21	0.071	2
Benzo(k)fluoranthene	0.52		mg/kg	0.21	0.067	2
Benzo(a)pyrene	1.2		mg/kg	0.28	0.086	2
Indeno(1,2,3-cd)pyrene	0.67		mg/kg	0.28	0.078	2
Dibenzo(a,h)anthracene	0.18	J	mg/kg	0.21	0.068	2
Benzo(ghi)perylene	0.57		mg/kg	0.28	0.073	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-05
 Client ID: DP-033-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:08
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/09/15 08:00
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.043	J	mg/kg	0.12	0.035	1
Pyrene	0.038	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	64		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-06
 Client ID: DP-033-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:33
 Analyst: AS
 Percent Solids: 88%

Date Collected: 07/09/15 08:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.034	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	68		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	98		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:59
 Analyst: AS
 Percent Solids: 88%

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.031	1
Fluoranthene	0.039	J	mg/kg	0.11	0.035	1
Pyrene	0.042	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	0.046	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	65		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:25
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.037	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	62		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:50
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	79		23-120
2-Fluorobiphenyl	108		30-120
4-Terphenyl-d14	105		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:16
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.037	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	63		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:41
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	65		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	86		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:07
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	77		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	103		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:32
 Analyst: AS
 Percent Solids: 86%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	62		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	86		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:58
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:45

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	0.037	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	71		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:23
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	66		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:49
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	58		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 03:14
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.10	J	mg/kg	0.19	0.062	1
2-Methylnaphthalene	0.10	J	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	0.082	J	mg/kg	0.15	0.039	1
Fluorene	0.13	J	mg/kg	0.19	0.054	1
Phenanthrene	0.41		mg/kg	0.11	0.037	1
Anthracene	0.10	J	mg/kg	0.11	0.031	1
Fluoranthene	0.35		mg/kg	0.11	0.034	1
Pyrene	0.32		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.14		mg/kg	0.11	0.037	1
Chrysene	0.15		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.14		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.057	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.12	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.078	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.079	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	103		30-120
4-Terphenyl-d14	100		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 03:39
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/09/15 09:40
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	79		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	105		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 04:05
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	0.038	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	68		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 04:30
 Analyst: AS
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	0.079	J	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	0.041	J	mg/kg	0.15	0.039	1
Fluorene	0.064	J	mg/kg	0.19	0.054	1
Phenanthrene	0.25		mg/kg	0.11	0.037	1
Anthracene	0.065	J	mg/kg	0.11	0.031	1
Fluoranthene	0.21		mg/kg	0.11	0.034	1
Pyrene	0.22		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.10	J	mg/kg	0.11	0.037	1
Chrysene	0.11		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.14		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.052	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.11	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.090	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.087	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	95		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 04:55
 Analyst: AS
 Percent Solids: 89%

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	0.040	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	73		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 05:21
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 21:46

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	56		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-23 D
 Client ID: DP-039-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 12:03
 Analyst: PS
 Percent Solids: 88%

Date Collected: 07/09/15 13:10
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	2.7		mg/kg	1.5	0.38	10
Fluorene	2.0		mg/kg	1.9	0.54	10
Phenanthrene	20.		mg/kg	1.1	0.36	10
Anthracene	5.6		mg/kg	1.1	0.31	10
Fluoranthene	25.		mg/kg	1.1	0.34	10
Pyrene	20.		mg/kg	1.1	0.36	10
Benzo(a)anthracene	11.		mg/kg	1.1	0.37	10
Chrysene	9.8		mg/kg	1.1	0.37	10
Benzo(b)fluoranthene	7.2		mg/kg	1.1	0.38	10
Benzo(k)fluoranthene	7.4		mg/kg	1.1	0.36	10
Benzo(a)pyrene	9.4		mg/kg	1.5	0.46	10
Indeno(1,2,3-cd)pyrene	5.3		mg/kg	1.5	0.42	10
Dibenzo(a,h)anthracene	1.7		mg/kg	1.1	0.36	10
Benzo(ghi)perylene	5.2		mg/kg	1.5	0.39	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	47		30-120
4-Terphenyl-d14	40		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-24
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:13
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	0.071	J	mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.63		mg/kg	0.12	0.038	1
Anthracene	0.15		mg/kg	0.12	0.033	1
Fluoranthene	0.76		mg/kg	0.12	0.036	1
Pyrene	0.66		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.38		mg/kg	0.12	0.038	1
Chrysene	0.38		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.41		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.16		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.31		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.21		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.052	J	mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.19		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	53		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-25
 Client ID: DP-039-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:35
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.037	J	mg/kg	0.16	0.037	1
Acenaphthene	0.14	J	mg/kg	0.16	0.040	1
Fluorene	0.11	J	mg/kg	0.20	0.056	1
Phenanthrene	1.5		mg/kg	0.12	0.038	1
Anthracene	0.32		mg/kg	0.12	0.033	1
Fluoranthene	2.4		mg/kg	0.12	0.036	1
Pyrene	2.0		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.90		mg/kg	0.12	0.038	1
Chrysene	0.90		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.95		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.37		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.73		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.49		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.11	J	mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.43		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	50		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-26
 Client ID: DP-039-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:01
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/09/15 13:18
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.25	0.066	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	0.12		mg/kg	0.12	0.038	1
Pyrene	0.10	J	mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.094	J	mg/kg	0.12	0.040	1
Chrysene	0.086	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.11	J	mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.039	J	mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.082	J	mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.054	J	mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.050	J	mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27 D2
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 13:12
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	26.		mg/kg	1.2	0.38	10
Fluoranthene	26.		mg/kg	1.2	0.36	10
Pyrene	20.		mg/kg	1.2	0.38	10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27 D
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 05:46
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.9		mg/kg	0.39	0.13	2
2-Methylnaphthalene	1.6		mg/kg	0.47	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.39	0.13	2
Acenaphthylene	0.15	J	mg/kg	0.31	0.073	2
Acenaphthene	2.5		mg/kg	0.31	0.080	2
Fluorene	3.1		mg/kg	0.39	0.11	2
Phenanthrene	29.	E	mg/kg	0.23	0.076	2
Anthracene	8.6		mg/kg	0.23	0.065	2
Fluoranthene	28.	E	mg/kg	0.23	0.072	2
Pyrene	24.	E	mg/kg	0.23	0.076	2
Benzo(a)anthracene	10.		mg/kg	0.23	0.076	2
Chrysene	9.0		mg/kg	0.23	0.076	2
Benzo(b)fluoranthene	9.4		mg/kg	0.23	0.079	2
Benzo(k)fluoranthene	3.9		mg/kg	0.23	0.074	2
Benzo(a)pyrene	7.7		mg/kg	0.31	0.095	2
Indeno(1,2,3-cd)pyrene	4.8		mg/kg	0.31	0.086	2
Dibenzo(a,h)anthracene	1.1		mg/kg	0.23	0.075	2
Benzo(ghi)perylene	3.9		mg/kg	0.31	0.081	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	56		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-28
 Client ID: DP-040-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:40
 Analyst: PS
 Percent Solids: 76%

Date Collected: 07/09/15 13:25
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.071	1
2-Methylnaphthalene	ND		mg/kg	0.26	0.068	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.070	1
Acenaphthylene	ND		mg/kg	0.17	0.040	1
Acenaphthene	ND		mg/kg	0.17	0.044	1
Fluorene	ND		mg/kg	0.21	0.061	1
Phenanthrene	0.58		mg/kg	0.13	0.042	1
Anthracene	0.15		mg/kg	0.13	0.036	1
Fluoranthene	0.70		mg/kg	0.13	0.039	1
Pyrene	0.60		mg/kg	0.13	0.042	1
Benzo(a)anthracene	0.42		mg/kg	0.13	0.042	1
Chrysene	0.43		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	0.45		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	0.19		mg/kg	0.13	0.041	1
Benzo(a)pyrene	0.38		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.22		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.068	J	mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.19		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	56		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-29
 Client ID: DP-040-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 06:11
 Analyst: PS
 Percent Solids: 71%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.23	0.077	1
2-Methylnaphthalene	ND		mg/kg	0.28	0.074	1
2-Chloronaphthalene	ND		mg/kg	0.23	0.076	1
Acenaphthylene	ND		mg/kg	0.19	0.043	1
Acenaphthene	ND		mg/kg	0.19	0.048	1
Fluorene	ND		mg/kg	0.23	0.067	1
Phenanthrene	ND		mg/kg	0.14	0.045	1
Anthracene	ND		mg/kg	0.14	0.039	1
Fluoranthene	ND		mg/kg	0.14	0.043	1
Pyrene	ND		mg/kg	0.14	0.045	1
Benzo(a)anthracene	ND		mg/kg	0.14	0.046	1
Chrysene	ND		mg/kg	0.14	0.046	1
Benzo(b)fluoranthene	ND		mg/kg	0.14	0.047	1
Benzo(k)fluoranthene	ND		mg/kg	0.14	0.044	1
Benzo(a)pyrene	ND		mg/kg	0.19	0.057	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.19	0.052	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.14	0.045	1
Benzo(ghi)perylene	ND		mg/kg	0.19	0.048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-30
 Client ID: DP-040-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 06:37
 Analyst: PS
 Percent Solids: 73%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.075	1
2-Methylnaphthalene	ND		mg/kg	0.27	0.072	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.074	1
Acenaphthylene	ND		mg/kg	0.18	0.042	1
Acenaphthene	ND		mg/kg	0.18	0.046	1
Fluorene	ND		mg/kg	0.22	0.065	1
Phenanthrene	0.24		mg/kg	0.14	0.044	1
Anthracene	0.054	J	mg/kg	0.14	0.038	1
Fluoranthene	0.41		mg/kg	0.14	0.041	1
Pyrene	0.35		mg/kg	0.14	0.044	1
Benzo(a)anthracene	0.20		mg/kg	0.14	0.044	1
Chrysene	0.18		mg/kg	0.14	0.044	1
Benzo(b)fluoranthene	0.21		mg/kg	0.14	0.046	1
Benzo(k)fluoranthene	0.084	J	mg/kg	0.14	0.043	1
Benzo(a)pyrene	0.17	J	mg/kg	0.18	0.055	1
Indeno(1,2,3-cd)pyrene	0.12	J	mg/kg	0.18	0.050	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.18	0.047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	51		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-31
 Client ID: DP-043-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:07
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/09/15 14:40
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.040	J	mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.080	J	mg/kg	0.12	0.038	1
Pyrene	0.070	J	mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.055	J	mg/kg	0.12	0.040	1
Chrysene	0.049	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.062	J	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	78		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	50		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-32
 Client ID: DP-044-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:27
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/09/15 14:43
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.21		mg/kg	0.19	0.062	1
2-Methylnaphthalene	0.13	J	mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	0.47		mg/kg	0.15	0.035	1
Acenaphthene	0.71		mg/kg	0.15	0.038	1
Fluorene	0.39		mg/kg	0.19	0.054	1
Phenanthrene	4.6		mg/kg	0.11	0.037	1
Anthracene	1.9		mg/kg	0.11	0.031	1
Fluoranthene	7.9	E	mg/kg	0.11	0.034	1
Pyrene	7.6	E	mg/kg	0.11	0.036	1
Benzo(a)anthracene	5.4		mg/kg	0.11	0.037	1
Chrysene	5.3		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	6.4		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	2.2		mg/kg	0.11	0.036	1
Benzo(a)pyrene	4.8		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	3.8		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.92		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	3.1		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	95		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-32 D

Date Collected: 07/09/15 14:43

Client ID: DP-044-SO-010-01

Date Received: 07/09/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/11/15 11:39

Analytical Date: 07/16/15 13:38

Analyst: PS

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	14.		mg/kg	0.22	0.069	2
Pyrene	12.		mg/kg	0.22	0.073	2

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-33
Client ID: DP-044-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/15 22:35
Analyst: PS
Percent Solids: 75%

Date Collected: 07/09/15 14:45
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 11:39

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	0.042	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	73		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	48		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-34
 Client ID: DP-044-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:52
 Analyst: PS
 Percent Solids: 69%

Date Collected: 07/09/15 14:50
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.24	0.079	1
2-Methylnaphthalene	ND		mg/kg	0.29	0.076	1
2-Chloronaphthalene	ND		mg/kg	0.24	0.078	1
Acenaphthylene	ND		mg/kg	0.19	0.045	1
Acenaphthene	ND		mg/kg	0.19	0.049	1
Fluorene	ND		mg/kg	0.24	0.068	1
Phenanthrene	ND		mg/kg	0.14	0.047	1
Anthracene	ND		mg/kg	0.14	0.040	1
Fluoranthene	ND		mg/kg	0.14	0.044	1
Pyrene	ND		mg/kg	0.14	0.046	1
Benzo(a)anthracene	ND		mg/kg	0.14	0.047	1
Chrysene	ND		mg/kg	0.14	0.047	1
Benzo(b)fluoranthene	ND		mg/kg	0.14	0.048	1
Benzo(k)fluoranthene	ND		mg/kg	0.14	0.046	1
Benzo(a)pyrene	ND		mg/kg	0.19	0.058	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.19	0.053	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.14	0.046	1
Benzo(ghi)perylene	ND		mg/kg	0.19	0.050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	57		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-35 D
 Client ID: DP-045-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:17
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/09/15 14:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.16	J	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	0.38		mg/kg	0.30	0.072	2
Acenaphthene	0.63		mg/kg	0.30	0.079	2
Fluorene	0.41		mg/kg	0.38	0.11	2
Phenanthrene	4.8		mg/kg	0.23	0.075	2
Anthracene	1.7		mg/kg	0.23	0.064	2
Fluoranthene	8.0		mg/kg	0.23	0.070	2
Pyrene	7.1		mg/kg	0.23	0.074	2
Benzo(a)anthracene	4.4		mg/kg	0.23	0.075	2
Chrysene	4.1		mg/kg	0.23	0.075	2
Benzo(b)fluoranthene	5.3		mg/kg	0.23	0.077	2
Benzo(k)fluoranthene	1.9		mg/kg	0.23	0.073	2
Benzo(a)pyrene	4.2		mg/kg	0.30	0.094	2
Indeno(1,2,3-cd)pyrene	2.9		mg/kg	0.30	0.085	2
Dibenzo(a,h)anthracene	0.70		mg/kg	0.23	0.074	2
Benzo(ghi)perylene	2.5		mg/kg	0.30	0.080	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	56		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-36
 Client ID: DP-045-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:42
 Analyst: PS
 Percent Solids: 72%

Date Collected: 07/09/15 15:00
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.23	0.076	1
2-Methylnaphthalene	ND		mg/kg	0.27	0.073	1
2-Chloronaphthalene	ND		mg/kg	0.23	0.074	1
Acenaphthylene	0.13	J	mg/kg	0.18	0.043	1
Acenaphthene	ND		mg/kg	0.18	0.047	1
Fluorene	ND		mg/kg	0.23	0.065	1
Phenanthrene	1.6		mg/kg	0.14	0.044	1
Anthracene	0.41		mg/kg	0.14	0.038	1
Fluoranthene	1.6		mg/kg	0.14	0.042	1
Pyrene	1.3		mg/kg	0.14	0.044	1
Benzo(a)anthracene	0.83		mg/kg	0.14	0.045	1
Chrysene	0.80		mg/kg	0.14	0.045	1
Benzo(b)fluoranthene	0.82		mg/kg	0.14	0.046	1
Benzo(k)fluoranthene	0.34		mg/kg	0.14	0.043	1
Benzo(a)pyrene	0.64		mg/kg	0.18	0.056	1
Indeno(1,2,3-cd)pyrene	0.46		mg/kg	0.18	0.050	1
Dibenzo(a,h)anthracene	0.12	J	mg/kg	0.14	0.044	1
Benzo(ghi)perylene	0.40		mg/kg	0.18	0.047	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	46		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-37
 Client ID: DP-045-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:02
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/09/15 15:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.041	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.27		mg/kg	0.12	0.039	1
Anthracene	0.059	J	mg/kg	0.12	0.034	1
Fluoranthene	0.47		mg/kg	0.12	0.037	1
Pyrene	0.40		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.22		mg/kg	0.12	0.039	1
Chrysene	0.25		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.27		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.10	J	mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.19		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.13	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.12	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	50		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-38
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:07
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/09/15 13:30
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.11	J	mg/kg	0.20	0.067	1
2-Methylnaphthalene	0.070	J	mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	0.15	J	mg/kg	0.16	0.038	1
Acenaphthene	0.29		mg/kg	0.16	0.042	1
Fluorene	0.21		mg/kg	0.20	0.058	1
Phenanthrene	2.4		mg/kg	0.12	0.040	1
Anthracene	0.71		mg/kg	0.12	0.034	1
Fluoranthene	3.3		mg/kg	0.12	0.037	1
Pyrene	2.9		mg/kg	0.12	0.039	1
Benzo(a)anthracene	1.5		mg/kg	0.12	0.040	1
Chrysene	1.5		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	1.7		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.72		mg/kg	0.12	0.039	1
Benzo(a)pyrene	1.4		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.97		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	0.21		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.84		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-39
 Client ID: DP-046-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:29
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/09/15 13:37
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.041	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	0.13		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.20		mg/kg	0.12	0.037	1
Pyrene	0.17		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.11	J	mg/kg	0.12	0.039	1
Chrysene	0.10	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.11	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.046	J	mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.089	J	mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.053	J	mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.052	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	50		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-40 D
 Client ID: DP-041-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:56
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/09/15 13:43
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.39	0.13	2
2-Methylnaphthalene	ND		mg/kg	0.47	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.39	0.13	2
Acenaphthylene	0.28	J	mg/kg	0.31	0.073	2
Acenaphthene	ND		mg/kg	0.31	0.080	2
Fluorene	ND		mg/kg	0.39	0.11	2
Phenanthrene	0.82		mg/kg	0.23	0.076	2
Anthracene	0.30		mg/kg	0.23	0.065	2
Fluoranthene	2.0		mg/kg	0.23	0.071	2
Pyrene	1.9		mg/kg	0.23	0.076	2
Benzo(a)anthracene	1.2		mg/kg	0.23	0.076	2
Chrysene	1.2		mg/kg	0.23	0.076	2
Benzo(b)fluoranthene	1.5		mg/kg	0.23	0.078	2
Benzo(k)fluoranthene	0.69		mg/kg	0.23	0.074	2
Benzo(a)pyrene	1.2		mg/kg	0.31	0.095	2
Indeno(1,2,3-cd)pyrene	0.79		mg/kg	0.31	0.086	2
Dibenzo(a,h)anthracene	0.20	J	mg/kg	0.23	0.075	2
Benzo(ghi)perylene	0.72		mg/kg	0.31	0.081	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	63		30-120
4-Terphenyl-d14	44		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-41
 Client ID: DP-041-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:23
 Analyst: PS
 Percent Solids: 77%

Date Collected: 07/09/15 13:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.078	J	mg/kg	0.21	0.070	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.067	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	1
Acenaphthylene	0.52		mg/kg	0.17	0.039	1
Acenaphthene	0.083	J	mg/kg	0.17	0.043	1
Fluorene	0.084	J	mg/kg	0.21	0.060	1
Phenanthrene	0.83		mg/kg	0.13	0.041	1
Anthracene	0.46		mg/kg	0.13	0.035	1
Fluoranthene	2.3		mg/kg	0.13	0.039	1
Pyrene	2.4		mg/kg	0.13	0.041	1
Benzo(a)anthracene	1.4		mg/kg	0.13	0.041	1
Chrysene	1.5		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	2.4		mg/kg	0.13	0.042	1
Benzo(k)fluoranthene	0.68		mg/kg	0.13	0.040	1
Benzo(a)pyrene	1.6		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	1.1		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.30		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	1.0		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	44		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-42
 Client ID: DP-041-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:50
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/09/15 13:48
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 11:39

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	0.089	J	mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.12		mg/kg	0.12	0.038	1
Pyrene	0.10	J	mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.074	J	mg/kg	0.12	0.040	1
Chrysene	0.073	J	mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.074	J	mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.066	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	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
4-Terphenyl-d14	59		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-43 D
 Client ID: DP-042-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 12:46
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/09/15 14:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	3.8	1.3	20
2-Methylnaphthalene	ND		mg/kg	4.6	1.2	20
2-Chloronaphthalene	ND		mg/kg	3.8	1.2	20
Acenaphthylene	17.		mg/kg	3.1	0.72	20
Acenaphthene	0.94	J	mg/kg	3.1	0.79	20
Fluorene	1.1	J	mg/kg	3.8	1.1	20
Phenanthrene	9.1		mg/kg	2.3	0.75	20
Anthracene	9.6		mg/kg	2.3	0.64	20
Fluoranthene	84.		mg/kg	2.3	0.71	20
Pyrene	75.		mg/kg	2.3	0.75	20
Benzo(a)anthracene	45.		mg/kg	2.3	0.76	20
Chrysene	44.		mg/kg	2.3	0.76	20
Benzo(b)fluoranthene	64.		mg/kg	2.3	0.78	20
Benzo(k)fluoranthene	23.		mg/kg	2.3	0.74	20
Benzo(a)pyrene	44.		mg/kg	3.1	0.94	20
Indeno(1,2,3-cd)pyrene	31.		mg/kg	3.1	0.86	20
Dibenzo(a,h)anthracene	7.4		mg/kg	2.3	0.75	20
Benzo(ghi)perylene	27.		mg/kg	3.1	0.80	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
4-Terphenyl-d14	0	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-44
 Client ID: DP-042-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:52
 Analyst: AS
 Percent Solids: 72%

Date Collected: 07/09/15 14:10
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.23	0.076	1
2-Methylnaphthalene	ND		mg/kg	0.27	0.073	1
2-Chloronaphthalene	ND		mg/kg	0.23	0.074	1
Acenaphthylene	0.17	J	mg/kg	0.18	0.043	1
Acenaphthene	ND		mg/kg	0.18	0.047	1
Fluorene	ND		mg/kg	0.23	0.065	1
Phenanthrene	ND		mg/kg	0.14	0.045	1
Anthracene	ND		mg/kg	0.14	0.038	1
Fluoranthene	0.056	J	mg/kg	0.14	0.042	1
Pyrene	0.052	J	mg/kg	0.14	0.044	1
Benzo(a)anthracene	0.048	J	mg/kg	0.14	0.045	1
Chrysene	0.045	J	mg/kg	0.14	0.045	1
Benzo(b)fluoranthene	0.068	J	mg/kg	0.14	0.046	1
Benzo(k)fluoranthene	ND		mg/kg	0.14	0.044	1
Benzo(a)pyrene	ND		mg/kg	0.18	0.056	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.18	0.051	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.14	0.044	1
Benzo(ghi)perylene	ND		mg/kg	0.18	0.048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	39		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-45
Client ID: DP-042-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/15 22:20
Analyst: AS
Percent Solids: 80%

Date Collected: 07/09/15 14:15
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:59

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	0.067	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	0.072	J	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	0.075	J	mg/kg	0.12	0.041	1
Anthracene	ND		mg/kg	0.12	0.035	1
Fluoranthene	0.17		mg/kg	0.12	0.038	1
Pyrene	0.14		mg/kg	0.12	0.041	1
Benzo(a)anthracene	0.10	J	mg/kg	0.12	0.041	1
Chrysene	0.096	J	mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	0.12		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.046	J	mg/kg	0.12	0.040	1
Benzo(a)pyrene	0.094	J	mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	0.074	J	mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.062	J	mg/kg	0.17	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	45		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-46
 Client ID: DP-043-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:48
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/09/15 14:30
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:59

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	0.051	J	mg/kg	0.16	0.036	1
Acenaphthene	0.055	J	mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	0.47		mg/kg	0.12	0.038	1
Anthracene	0.13		mg/kg	0.12	0.032	1
Fluoranthene	0.84		mg/kg	0.12	0.036	1
Pyrene	0.73		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.44		mg/kg	0.12	0.038	1
Chrysene	0.42		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.52		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.20		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.40		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.27		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	0.058	J	mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.23		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	65		30-120
4-Terphenyl-d14	41		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-47 D
 Client ID: DP-043-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:15
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/09/15 14:35
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.39	0.13	2
2-Methylnaphthalene	ND		mg/kg	0.47	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.39	0.13	2
Acenaphthylene	0.21	J	mg/kg	0.31	0.073	2
Acenaphthene	0.10	J	mg/kg	0.31	0.080	2
Fluorene	ND		mg/kg	0.39	0.11	2
Phenanthrene	1.1		mg/kg	0.23	0.076	2
Anthracene	0.34		mg/kg	0.23	0.065	2
Fluoranthene	1.9		mg/kg	0.23	0.072	2
Pyrene	1.8		mg/kg	0.23	0.076	2
Benzo(a)anthracene	1.0		mg/kg	0.23	0.076	2
Chrysene	1.1		mg/kg	0.23	0.077	2
Benzo(b)fluoranthene	1.3		mg/kg	0.23	0.079	2
Benzo(k)fluoranthene	0.57		mg/kg	0.23	0.074	2
Benzo(a)pyrene	1.0		mg/kg	0.31	0.096	2
Indeno(1,2,3-cd)pyrene	0.76		mg/kg	0.31	0.087	2
Dibenzo(a,h)anthracene	0.17	J	mg/kg	0.23	0.076	2
Benzo(ghi)perylene	0.68		mg/kg	0.31	0.081	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	44		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/15 19:43
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/10/15 21:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-22 Batch: WG801748-1					
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	94		23-120
2-Fluorobiphenyl	98		30-120
4-Terphenyl-d14	103		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 20:32
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/10/15 21:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG801752-1					
Acetophenone	ND		ug/l	5.0	0.43
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	65		23-120
2-Fluorobiphenyl	82		15-120
4-Terphenyl-d14	92		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/15 17:04
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/11/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 23-42 Batch: WG801838-1					
Naphthalene	ND		mg/kg	0.16	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
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	0.048
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	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
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	81		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/15 20:02
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 43-47 Batch: WG801864-1					
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	81		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	86		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-22 Batch: WG801748-2 WG801748-3								
Naphthalene	90		98		40-140	9		50
2-Methylnaphthalene	93		102		40-140	9		50
2-Chloronaphthalene	95		104		40-140	9		50
Acenaphthylene	99		110		40-140	11		50
Acenaphthene	91		98		31-137	7		50
Fluorene	98		105		40-140	7		50
Phenanthrene	94		102		40-140	8		50
Anthracene	98		105		40-140	7		50
Fluoranthene	100		108		40-140	8		50
Pyrene	97		105		35-142	8		50
Benzo(a)anthracene	96		104		40-140	8		50
Chrysene	93		101		40-140	8		50
Benzo(b)fluoranthene	95		103		40-140	8		50
Benzo(k)fluoranthene	95		103		40-140	8		50
Benzo(a)pyrene	99		107		40-140	8		50
Indeno(1,2,3-cd)pyrene	102		102		40-140	0		50
Dibenzo(a,h)anthracene	98		97		40-140	1		50
Benzo(ghi)perylene	98		96		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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): 03-22 Batch: WG801748-2 WG801748-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	92		96		23-120
2-Fluorobiphenyl	97		101		30-120
4-Terphenyl-d14	96		95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG801752-2 WG801752-3								
Acetophenone	67		62		39-129	8		30
Naphthalene	69		58		40-140	17		30
2-Methylnaphthalene	74		66		40-140	11		30
2-Chloronaphthalene	83		76		40-140	9		30
Acenaphthylene	83		76		45-123	9		30
Acenaphthene	72		71		37-111	1		30
Fluorene	81		77		40-140	5		30
Phenanthrene	76		73		40-140	4		30
Anthracene	79		76		40-140	4		30
Fluoranthene	85		81		40-140	5		30
Pyrene	82		79		26-127	4		30
Benzo(a)anthracene	80		75		40-140	6		30
Chrysene	78		73		40-140	7		30
Benzo(b)fluoranthene	79		77		40-140	3		30
Benzo(k)fluoranthene	78		74		40-140	5		30
Benzo(a)pyrene	74		72		40-140	3		30
Indeno(1,2,3-cd)Pyrene	82		80		40-140	2		30
Dibenzo(a,h)anthracene	82		79		40-140	4		30
Benzo(ghi)perylene	80		77		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

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): 02 Batch: WG801752-2 WG801752-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	61		57		23-120
2-Fluorobiphenyl	82		76		15-120
4-Terphenyl-d14	88		83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-42 Batch: WG801838-2 WG801838-3								
Naphthalene	72		70		40-140	3		50
2-Methylnaphthalene	73		70		40-140	4		50
2-Chloronaphthalene	76		76		40-140	0		50
Acenaphthylene	74		72		40-140	3		50
Acenaphthene	76		73		31-137	4		50
Fluorene	74		72		40-140	3		50
Phenanthrene	76		74		40-140	3		50
Anthracene	74		75		40-140	1		50
Fluoranthene	76		74		40-140	3		50
Pyrene	74		75		35-142	1		50
Benzo(a)anthracene	78		76		40-140	3		50
Chrysene	75		76		40-140	1		50
Benzo(b)fluoranthene	71		76		40-140	7		50
Benzo(k)fluoranthene	80		78		40-140	3		50
Benzo(a)pyrene	75		78		40-140	4		50
Indeno(1,2,3-cd)pyrene	75		77		40-140	3		50
Dibenzo(a,h)anthracene	74		76		40-140	3		50
Benzo(ghi)perylene	76		78		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 23-42 Batch: WG801838-2 WG801838-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	78		77		23-120
2-Fluorobiphenyl	78		72		30-120
4-Terphenyl-d14	79		75		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 43-47 Batch: WG801864-2 WG801864-3								
Naphthalene	69		77		40-140	11		50
2-Methylnaphthalene	70		80		40-140	13		50
2-Chloronaphthalene	72		82		40-140	13		50
Acenaphthylene	75		86		40-140	14		50
Acenaphthene	72		80		31-137	11		50
Fluorene	73		84		40-140	14		50
Phenanthrene	72		82		40-140	13		50
Anthracene	73		81		40-140	10		50
Fluoranthene	72		84		40-140	15		50
Pyrene	72		84		35-142	15		50
Benzo(a)anthracene	71		82		40-140	14		50
Chrysene	71		81		40-140	13		50
Benzo(b)fluoranthene	75		84		40-140	11		50
Benzo(k)fluoranthene	72		83		40-140	14		50
Benzo(a)pyrene	74		84		40-140	13		50
Indeno(1,2,3-cd)pyrene	72		84		40-140	15		50
Dibenzo(a,h)anthracene	73		82		40-140	12		50
Benzo(ghi)perylene	73		81		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 43-47 Batch: WG801864-2 WG801864-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	76		83		23-120
2-Fluorobiphenyl	74		79		30-120
4-Terphenyl-d14	72		79		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
 Client ID: EB01-070915
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 15:25
 Analyst: SW

Date Collected: 07/09/15 15:10
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/10/15 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)	378	J	ug/l	538	22.6	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
 Client ID: EB01-070915
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 02:22
 Analyst: BS

Date Collected: 07/09/15 15:10
 Date Received: 07/09/15
 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	94		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-03
Client ID: DP-033-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 20:56
Analyst: BS
Percent Solids: 86%

Date Collected: 07/09/15 07:55
Date Received: 07/09/15
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	4.2		mg/kg	2.9	0.055	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:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-03 D
Client ID: DP-033-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 00:56
Analyst: SW
Percent Solids: 86%

Date Collected: 07/09/15 07:55
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	3360		mg/kg	375	41.9	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-04
 Client ID: DP-033-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 21:36
 Analyst: BS
 Percent Solids: 93%

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 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	36.		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	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-04 D
Client ID: DP-033-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 19:05
Analyst: SW
Percent Solids: 93%

Date Collected: 07/09/15 07:55
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	942.		mg/kg	176	19.7	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-05
 Client ID: DP-033-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 16:58
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/09/15 08:00
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/13/15 11:13

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	67		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-05
 Client ID: DP-033-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 14:38
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 08:00
 Date Received: 07/09/15
 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	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-06
 Client ID: DP-033-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 20:42
 Analyst: SW
 Percent Solids: 88%

Date Collected: 07/09/15 08:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	21.7	J	mg/kg	35.7	3.99	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-06
 Client ID: DP-033-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 22:54
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/09/15 08:05
 Date Received: 07/09/15
 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	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 21:14
 Analyst: SW
 Percent Solids: 88%

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	15.6	J	mg/kg	37.2	4.15	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	56		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 23:33
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 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	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-08
Client ID: DP-034-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 21:47
Analyst: SW
Percent Solids: 87%

Date Collected: 07/09/15 08:20
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	12.8	J	mg/kg	37.3	4.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 02:49
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 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	91		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 22:19
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	7.34	J	mg/kg	37.8	4.22	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	57		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 04:47
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 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	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 22:52
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	25.0	J	mg/kg	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 05:26
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 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	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 22:38
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	40.1	4.48	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	56		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 06:05
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 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	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 23:10
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.5	4.30	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	57		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 06:44
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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	102		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 23:42
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	58		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 07:24
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 00:15
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	ND		mg/kg	37.0	4.13	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 08:03
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 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	89		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 00:47
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

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	38.4	4.28	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 08:42
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 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	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 01:20
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

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	38.6	4.30	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 09:22
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 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	86		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 01:52
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	62.5		mg/kg	36.8	4.11	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	53		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-17
Client ID: DP-037-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 10:01
Analyst: BS
Percent Solids: 87%

Date Collected: 07/09/15 09:38
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	15.		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
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 02:24
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/09/15 09:40
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

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	36.9	4.12	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 10:41
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/09/15 09:40
 Date Received: 07/09/15
 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	1.5	J	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	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 02:57
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

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	37.9	4.23	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	69		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 11:20
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 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	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 16:36
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 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	3.8		mg/kg	2.7	0.052	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20 D
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 15:21
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/13/15 16:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	451.		mg/kg	72.2	8.05	2
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-21
Client ID: DP-038-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 04:01
Analyst: SW
Percent Solids: 89%

Date Collected: 07/09/15 10:00
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 20:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	36.7	4.09	1

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 17:16
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 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	99		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 04:34
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 20:09

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	38.2	4.27	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	56		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 17:55
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 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	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-23
 Client ID: DP-039-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 03:25
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/09/15 13:10
 Date Received: 07/09/15
 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	85		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-23 D

Date Collected: 07/09/15 13:10

Client ID: DP-039-SO-010-01

Date Received: 07/09/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/11/15 06:17

Analytical Date: 07/15/15 15:14

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)	1780		mg/kg	731	81.6	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-24
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 10:58
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	59.8		mg/kg	37.8	4.22	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-24
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 05:25
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 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	93		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-25
 Client ID: DP-039-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 01:05
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

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	38.9	4.34	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-25
 Client ID: DP-039-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 06:06
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 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	96		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-26
 Client ID: DP-039-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 21:18
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/09/15 13:18
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	17.7	J	mg/kg	40.2	4.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	69		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-26
 Client ID: DP-039-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 06:46
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/09/15 13:18
 Date Received: 07/09/15
 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	97		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 18:34
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 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	0.051	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27 D
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 13:37
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	987.		mg/kg	391	43.6	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-28
 Client ID: DP-040-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 14:46
 Analyst: AR
 Percent Solids: 76%

Date Collected: 07/09/15 13:25
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	43.8		mg/kg	42.2	4.71	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-28
 Client ID: DP-040-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 08:06
 Analyst: BS
 Percent Solids: 76%

Date Collected: 07/09/15 13:25
 Date Received: 07/09/15
 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	J	mg/kg	3.2	0.061	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-29
 Client ID: DP-040-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 22:23
 Analyst: AR
 Percent Solids: 71%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.20	J	mg/kg	45.8	5.11	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-29
 Client ID: DP-040-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 08:47
 Analyst: BS
 Percent Solids: 71%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 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	0.063	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-30
 Client ID: DP-040-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 10:22
 Analyst: AR
 Percent Solids: 73%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	42.8	J	mg/kg	45.0	5.02	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-30
 Client ID: DP-040-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 09:27
 Analyst: BS
 Percent Solids: 73%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 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	95		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-31
 Client ID: DP-043-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 14:10
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/09/15 14:40
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	71.5		mg/kg	39.4	4.40	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-31
Client ID: DP-043-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 10:08
Analyst: BS
Percent Solids: 81%

Date Collected: 07/09/15 14:40
Date Received: 07/09/15
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	84		70-130
4-Bromofluorobenzene	73		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-32
 Client ID: DP-044-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 19:14
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/09/15 14:43
 Date Received: 07/09/15
 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	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-32 D
Client ID: DP-044-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 14:09
Analyst: AR
Percent Solids: 89%

Date Collected: 07/09/15 14:43
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	1100		mg/kg	374	41.8	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-33
 Client ID: DP-044-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 21:50
 Analyst: AR
 Percent Solids: 75%

Date Collected: 07/09/15 14:45
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	9.88	J	mg/kg	43.2	4.82	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-33
 Client ID: DP-044-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 19:53
 Analyst: BS
 Percent Solids: 75%

Date Collected: 07/09/15 14:45
 Date Received: 07/09/15
 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	3.3	0.063	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-34
 Client ID: DP-044-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 22:55
 Analyst: AR
 Percent Solids: 69%

Date Collected: 07/09/15 14:50
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

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	47.4	5.30	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-34
 Client ID: DP-044-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 20:32
 Analyst: BS
 Percent Solids: 69%

Date Collected: 07/09/15 14:50
 Date Received: 07/09/15
 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	3.4	0.065	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-35
 Client ID: DP-045-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 21:12
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/09/15 14:55
 Date Received: 07/09/15
 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	96		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-35 D
Client ID: DP-045-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 17:11
Analyst: AR
Percent Solids: 87%

Date Collected: 07/09/15 14:55
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 06:17

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	752	83.9	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-36
 Client ID: DP-045-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 13:34
 Analyst: AR
 Percent Solids: 72%

Date Collected: 07/09/15 15:00
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	160.		mg/kg	44.8	4.99	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-36
 Client ID: DP-045-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 21:51
 Analyst: BS
 Percent Solids: 72%

Date Collected: 07/09/15 15:00
 Date Received: 07/09/15
 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	3.4	0.065	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-37
 Client ID: DP-045-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 20:45
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/09/15 15:05
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	10.7	J	mg/kg	40.6	4.54	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-37
 Client ID: DP-045-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 22:30
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/09/15 15:05
 Date Received: 07/09/15
 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	99		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-38
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 23:09
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/09/15 13:30
 Date Received: 07/09/15
 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	97		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-38 D
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 14:42
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/09/15 13:30
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	842.		mg/kg	399	44.6	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-39
 Client ID: DP-046-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 20:13
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/09/15 13:37
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	11.7	J	mg/kg	39.9	4.46	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-39
 Client ID: DP-046-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 02:26
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/09/15 13:37
 Date Received: 07/09/15
 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	87		70-130
4-Bromofluorobenzene	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-40
 Client ID: DP-041-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 04:24
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 13:43
 Date Received: 07/09/15
 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	95		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-40 D
 Client ID: DP-041-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 15:47
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/09/15 13:43
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	838.		mg/kg	784	87.5	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-41
 Client ID: DP-041-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 05:03
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/09/15 13:45
 Date Received: 07/09/15
 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	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-41 D
Client ID: DP-041-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 16:19
Analyst: AR
Percent Solids: 77%

Date Collected: 07/09/15 13:45
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	396.		mg/kg	212	23.6	5
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-42
 Client ID: DP-041-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 09:47
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/09/15 13:48
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	12.6	J	mg/kg	39.3	4.39	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-42
Client ID: DP-041-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 05:42
Analyst: BS
Percent Solids: 81%

Date Collected: 07/09/15 13:48
Date Received: 07/09/15
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	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-43
Client ID: DP-042-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 06:21
Analyst: BS
Percent Solids: 85%

Date Collected: 07/09/15 14:05
Date Received: 07/09/15
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	96		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-43 D
Client ID: DP-042-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/13/15 01:48
Analyst: SW
Percent Solids: 85%

Date Collected: 07/09/15 14:05
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	6090		mg/kg	771	86.0	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-44
 Client ID: DP-042-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 02:24
 Analyst: SW
 Percent Solids: 72%

Date Collected: 07/09/15 14:10
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	62.6		mg/kg	46.2	5.16	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-44
 Client ID: DP-042-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 07:01
 Analyst: BS
 Percent Solids: 72%

Date Collected: 07/09/15 14:10
 Date Received: 07/09/15
 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	3.3	0.063	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**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-45
Client ID: DP-042-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/13/15 02:59
Analyst: SW
Percent Solids: 80%

Date Collected: 07/09/15 14:15
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	24.8	J	mg/kg	40.3	4.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-45
 Client ID: DP-042-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 07:40
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/09/15 14:15
 Date Received: 07/09/15
 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	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-46
 Client ID: DP-043-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 03:35
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/09/15 14:30
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 10:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Petroleum Hydrocarbon Quantitation - Westborough Lab						
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DROD (C9-C44)	78.5		mg/kg	38.3	4.28	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-46
 Client ID: DP-043-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 08:19
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/09/15 14:30
 Date Received: 07/09/15
 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	98		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-47
 Client ID: DP-043-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 04:11
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/09/15 14:35
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 10:16

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	38.4	4.28	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: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-47
 Client ID: DP-043-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 08:58
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/09/15 14:35
 Date Received: 07/09/15
 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	0.70	J	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	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 16:30
Analyst: SW

Extraction Method: EPA 3546
Extraction Date: 07/10/15 20:06

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 03-04,06-19,21-22 Batch: WG801730-1					
Total Petroleum Hydrocarbons (C9-C44)	3.73	J	mg/kg	31.3	3.50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 13:48
Analyst: SW

Extraction Method: EPA 3510C
Extraction Date: 07/10/15 21:52

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02 Batch: WG801749-1					
Total Petroleum Hydrocarbons (C9-C44)	105	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 19:08
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/11/15 06:17

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 23-42 Batch: WG801808-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.0	3.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	85		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/13/15 00:01
Analyst: SW

Extraction Method: EPA 3546
Extraction Date: 07/11/15 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 43-47 Batch: WG801827-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	32.9	3.67

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 15:21
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/13/15 11:13

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 05 Batch: WG802104-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.8	3.55

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	82		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 19:08
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/13/15 16:41

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 20 Batch: WG802239-1					
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
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 23:00
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02 Batch: WG802840-3					
Gasoline Range Organics	ND		ug/l	50	3.0

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: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 14:21
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03-04,06-07 Batch: WG803705-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 02:10
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 08-19 Batch: WG803819-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 02:44
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 23-26,28-31 Batch: WG803823-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	87		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 13:58
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 05,20-22,27,32-38 Batch: WG804051-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	109		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 01:47
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 39-47 Batch: WG804052-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	94		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-04,06-19,21-22 Batch: WG801730-2								
Total Petroleum Hydrocarbons (C9-C44)	74		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	71				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 02 Batch: WG801749-2 WG801749-3								
DROD (C9-C44)	90		88		40-140	2		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		76		40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 23-42 Batch: WG801808-2								
Total Petroleum Hydrocarbons (C9-C44)	75		-		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 43-47 Batch: WG801827-2								
Total Petroleum Hydrocarbons (C9-C44)	69		-		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05 Batch: WG802104-2								
Total Petroleum Hydrocarbons (C9-C44)	96		-		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 20 Batch: WG802239-2								
Total Petroleum Hydrocarbons (C9-C44)	99		-		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02 Batch: WG802840-1 WG802840-2								
Gasoline Range Organics	94		95		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	100		100		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-04,06-07 Batch: WG803705-1 WG803705-2								
Gasoline Range Organics	83		94		80-120	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 08-19 Batch: WG803819-1 WG803819-2								
Gasoline Range Organics	89		92		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	100		102		70-130
4-Bromofluorobenzene	105		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 23-26,28-31 Batch: WG803823-1 WG803823-2								
Gasoline Range Organics	89		92		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	97		98		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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 05,20-22,27,32-38 Batch: WG804051-1 WG804051-2								
Gasoline Range Organics	87		97		80-120	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	107		109		70-130
4-Bromofluorobenzene	110		113		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 39-47 Batch: WG804052-1 WG804052-2								
Gasoline Range Organics	90		94		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	100		102		70-130
4-Bromofluorobenzene	104		107		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

<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): 03-04,06-07 QC Batch ID: WG803705-5 QC Sample: L1515600-22 Client ID: MS Sample												
Gasoline Range Organics	ND	22.4	18	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	97				70-130
4-Bromofluorobenzene	98				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

<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): 08-19 QC Batch ID: WG803819-5 QC Sample: L1515823-08 Client ID: DP-034-SO-050-01												
Gasoline Range Organics	ND	22.2	20	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	100				70-130
4-Bromofluorobenzene	102				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

<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): 23-26,28-31 QC Batch ID: WG803823-5 QC Sample: L1515823-23 Client ID: DP-039-SO-010-01												
Gasoline Range Organics	ND	21.7	20	90		-	-		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	96				70-130
4-Bromofluorobenzene	78				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

<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): 05,20-22,27,32-38 QC Batch ID: WG804051-5 QC Sample: L1515823-05 Client ID: DP-033-SO-050-01												
Gasoline Range Organics	ND	22.6	20	86		-	-		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	100				70-130
4-Bromofluorobenzene	104				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

<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): 39-47 QC Batch ID: WG804052-5 QC Sample: L1515823-39 Client ID: DP-046-SO-100-01												
Gasoline Range Organics	ND	23.8	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	100				70-130
4-Bromofluorobenzene	103				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-04,06-19,21-22 QC Batch ID: WG801730-3 QC Sample: L1515823-03 Client ID: DP-033-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	3360	3730	mg/kg	10		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		79		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 23-42 QC Batch ID: WG801808-3 QC Sample: L1515823-35 Client ID: DP-045-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	1350	805	mg/kg	51	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	91		83		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 43-47 QC Batch ID: WG801827-3 QC Sample: L1515823-43 Client ID: DP-042-SO-010-01					

Total Petroleum Hydrocarbons (C9-C44)	6090	5630	mg/kg	8	40
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Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	76		66		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05 QC Batch ID: WG802104-3 QC Sample: L1515823-05 Client ID: DP-033-SO-050-01					
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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	67		82		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 20 QC Batch ID: WG802239-3 QC Sample: L1515823-20 Client ID: DP-038-SO-010-01					
Total Petroleum Hydrocarbons (C9-C44)	451	276	mg/kg	48	Q 40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		72		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-04,06-07 QC Batch ID: WG803705-4 QC Sample: L1515600-22 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		105		70-130
4-Bromofluorobenzene	101		106		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 08-19 QC Batch ID: WG803819-4 QC Sample: L1515823-08 Client ID: DP-034-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		97		70-130
4-Bromofluorobenzene	93		103		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 23-26,28-31 QC Batch ID: WG803823-4 QC Sample: L1515823-23 Client ID: DP-039-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85	96	70-130
4-Bromofluorobenzene	72	80	70-130



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 05,20-22,27,32-38 QC Batch ID: WG804051-4 QC Sample: L1515823-05 Client ID: DP-033-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		99		70-130
4-Bromofluorobenzene	102		106		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 39-47 QC Batch ID: WG804052-4 QC Sample: L1515823-39 Client ID: DP-046-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	91		103		70-130



PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
Client ID: EB01-070915
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/11/15 22:26
Analyst: JW

Date Collected: 07/09/15 15:10
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/10/15 21:54
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.281	0.074	1	A
Aroclor 1221	ND		ug/l	0.281	0.072	1	A
Aroclor 1232	ND		ug/l	0.281	0.042	1	A
Aroclor 1242	ND		ug/l	0.281	0.081	1	A
Aroclor 1248	ND		ug/l	0.281	0.069	1	A
Aroclor 1254	ND		ug/l	0.281	0.046	1	A
Aroclor 1260	ND		ug/l	0.281	0.043	1	A
Aroclor 1262	ND		ug/l	0.281	0.039	1	A
Aroclor 1268	ND		ug/l	0.281	0.051	1	A
PCBs, Total	ND		ug/l	0.281	0.039	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
Client ID: DP-034-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 19:50
Analyst: JW
Percent Solids: 88%

Date Collected: 07/09/15 08:17
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0363	0.00286	1	A
Aroclor 1221	ND		mg/kg	0.0363	0.00334	1	A
Aroclor 1232	ND		mg/kg	0.0363	0.00425	1	A
Aroclor 1242	ND		mg/kg	0.0363	0.00444	1	A
Aroclor 1248	ND		mg/kg	0.0363	0.00306	1	A
Aroclor 1254	ND		mg/kg	0.0363	0.00298	1	A
Aroclor 1260	ND		mg/kg	0.0363	0.00276	1	A
Aroclor 1262	ND		mg/kg	0.0363	0.00180	1	A
Aroclor 1268	ND		mg/kg	0.0363	0.00526	1	A
PCBs, Total	ND		mg/kg	0.0363	0.00180	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
Client ID: DP-034-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 20:03
Analyst: JW
Percent Solids: 87%

Date Collected: 07/09/15 08:20
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0368	0.00291	1	A
Aroclor 1221	ND		mg/kg	0.0368	0.00340	1	A
Aroclor 1232	ND		mg/kg	0.0368	0.00432	1	A
Aroclor 1242	ND		mg/kg	0.0368	0.00451	1	A
Aroclor 1248	ND		mg/kg	0.0368	0.00311	1	A
Aroclor 1254	ND		mg/kg	0.0368	0.00303	1	A
Aroclor 1260	ND		mg/kg	0.0368	0.00281	1	A
Aroclor 1262	ND		mg/kg	0.0368	0.00183	1	A
Aroclor 1268	ND		mg/kg	0.0368	0.00534	1	A
PCBs, Total	ND		mg/kg	0.0368	0.00183	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
Client ID: DP-034-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 20:16
Analyst: JW
Percent Solids: 83%

Date Collected: 07/09/15 08:25
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0402	0.00317	1	A
Aroclor 1221	ND		mg/kg	0.0402	0.00370	1	A
Aroclor 1232	ND		mg/kg	0.0402	0.00471	1	A
Aroclor 1242	ND		mg/kg	0.0402	0.00492	1	A
Aroclor 1248	ND		mg/kg	0.0402	0.00339	1	A
Aroclor 1254	ND		mg/kg	0.0402	0.00330	1	A
Aroclor 1260	ND		mg/kg	0.0402	0.00306	1	A
Aroclor 1262	ND		mg/kg	0.0402	0.00199	1	A
Aroclor 1268	ND		mg/kg	0.0402	0.00583	1	A
PCBs, Total	ND		mg/kg	0.0402	0.00199	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
Client ID: DP-035-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 20:30
Analyst: JW
Percent Solids: 85%

Date Collected: 07/09/15 08:45
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0370	0.00293	1	A
Aroclor 1221	ND		mg/kg	0.0370	0.00342	1	A
Aroclor 1232	ND		mg/kg	0.0370	0.00434	1	A
Aroclor 1242	ND		mg/kg	0.0370	0.00453	1	A
Aroclor 1248	ND		mg/kg	0.0370	0.00313	1	A
Aroclor 1254	ND		mg/kg	0.0370	0.00304	1	A
Aroclor 1260	ND		mg/kg	0.0370	0.00282	1	A
Aroclor 1262	ND		mg/kg	0.0370	0.00184	1	A
Aroclor 1268	ND		mg/kg	0.0370	0.00537	1	A
PCBs, Total	ND		mg/kg	0.0370	0.00184	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
Client ID: DP-035-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 20:43
Analyst: JW
Percent Solids: 83%

Date Collected: 07/09/15 08:46
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0392	0.00309	1	A
Aroclor 1221	ND		mg/kg	0.0392	0.00361	1	A
Aroclor 1232	ND		mg/kg	0.0392	0.00459	1	A
Aroclor 1242	ND		mg/kg	0.0392	0.00479	1	A
Aroclor 1248	ND		mg/kg	0.0392	0.00330	1	A
Aroclor 1254	ND		mg/kg	0.0392	0.00322	1	A
Aroclor 1260	ND		mg/kg	0.0392	0.00298	1	A
Aroclor 1262	ND		mg/kg	0.0392	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0392	0.00568	1	A
PCBs, Total	ND		mg/kg	0.0392	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
Client ID: DP-035-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 20:56
Analyst: JW
Percent Solids: 83%

Date Collected: 07/09/15 08:55
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0384	0.00303	1	A
Aroclor 1221	ND		mg/kg	0.0384	0.00354	1	A
Aroclor 1232	ND		mg/kg	0.0384	0.00450	1	A
Aroclor 1242	ND		mg/kg	0.0384	0.00470	1	A
Aroclor 1248	ND		mg/kg	0.0384	0.00324	1	A
Aroclor 1254	ND		mg/kg	0.0384	0.00315	1	A
Aroclor 1260	ND		mg/kg	0.0384	0.00292	1	A
Aroclor 1262	ND		mg/kg	0.0384	0.00190	1	A
Aroclor 1268	ND		mg/kg	0.0384	0.00556	1	A
PCBs, Total	ND		mg/kg	0.0384	0.00190	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
Client ID: DP-035-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 21:10
Analyst: JW
Percent Solids: 86%

Date Collected: 07/09/15 08:55
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0375	0.00296	1	A
Aroclor 1221	ND		mg/kg	0.0375	0.00345	1	A
Aroclor 1232	ND		mg/kg	0.0375	0.00439	1	A
Aroclor 1242	ND		mg/kg	0.0375	0.00458	1	A
Aroclor 1248	ND		mg/kg	0.0375	0.00316	1	A
Aroclor 1254	ND		mg/kg	0.0375	0.00308	1	A
Aroclor 1260	ND		mg/kg	0.0375	0.00285	1	A
Aroclor 1262	ND		mg/kg	0.0375	0.00186	1	A
Aroclor 1268	ND		mg/kg	0.0375	0.00543	1	A
PCBs, Total	ND		mg/kg	0.0375	0.00186	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
Client ID: DP-036-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 21:23
Analyst: JW
Percent Solids: 87%

Date Collected: 07/09/15 09:05
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0363	0.00287	1	A
Aroclor 1221	ND		mg/kg	0.0363	0.00334	1	A
Aroclor 1232	ND		mg/kg	0.0363	0.00425	1	A
Aroclor 1242	ND		mg/kg	0.0363	0.00444	1	A
Aroclor 1248	ND		mg/kg	0.0363	0.00306	1	A
Aroclor 1254	ND		mg/kg	0.0363	0.00298	1	A
Aroclor 1260	ND		mg/kg	0.0363	0.00276	1	A
Aroclor 1262	ND		mg/kg	0.0363	0.00180	1	A
Aroclor 1268	ND		mg/kg	0.0363	0.00526	1	A
PCBs, Total	ND		mg/kg	0.0363	0.00180	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
Client ID: DP-036-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 21:36
Analyst: JW
Percent Solids: 84%

Date Collected: 07/09/15 09:07
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0390	0.00308	1	A
Aroclor 1221	ND		mg/kg	0.0390	0.00360	1	A
Aroclor 1232	ND		mg/kg	0.0390	0.00458	1	A
Aroclor 1242	ND		mg/kg	0.0390	0.00478	1	A
Aroclor 1248	ND		mg/kg	0.0390	0.00329	1	A
Aroclor 1254	ND		mg/kg	0.0390	0.00321	1	A
Aroclor 1260	ND		mg/kg	0.0390	0.00297	1	A
Aroclor 1262	ND		mg/kg	0.0390	0.00194	1	A
Aroclor 1268	ND		mg/kg	0.0390	0.00566	1	A
PCBs, Total	ND		mg/kg	0.0390	0.00194	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
Client ID: DP-036-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 21:50
Analyst: JW
Percent Solids: 84%

Date Collected: 07/09/15 09:15
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0385	0.00304	1	A
Aroclor 1221	ND		mg/kg	0.0385	0.00355	1	A
Aroclor 1232	ND		mg/kg	0.0385	0.00451	1	A
Aroclor 1242	ND		mg/kg	0.0385	0.00471	1	A
Aroclor 1248	ND		mg/kg	0.0385	0.00325	1	A
Aroclor 1254	ND		mg/kg	0.0385	0.00316	1	A
Aroclor 1260	ND		mg/kg	0.0385	0.00293	1	A
Aroclor 1262	ND		mg/kg	0.0385	0.00191	1	A
Aroclor 1268	ND		mg/kg	0.0385	0.00558	1	A
PCBs, Total	ND		mg/kg	0.0385	0.00191	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
Client ID: DP-037-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 22:03
Analyst: JW
Percent Solids: 87%

Date Collected: 07/09/15 09:38
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0372	0.00294	1	A
Aroclor 1221	ND		mg/kg	0.0372	0.00343	1	A
Aroclor 1232	ND		mg/kg	0.0372	0.00436	1	A
Aroclor 1242	ND		mg/kg	0.0372	0.00456	1	A
Aroclor 1248	ND		mg/kg	0.0372	0.00314	1	A
Aroclor 1254	ND		mg/kg	0.0372	0.00306	1	A
Aroclor 1260	0.0366	J	mg/kg	0.0372	0.00284	1	B
Aroclor 1262	ND		mg/kg	0.0372	0.00185	1	A
Aroclor 1268	ND		mg/kg	0.0372	0.00540	1	A
PCBs, Total	0.0366	J	mg/kg	0.0372	0.00185	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
Client ID: DP-037-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 22:16
Analyst: JW
Percent Solids: 87%

Date Collected: 07/09/15 09:40
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0369	0.00291	1	A
Aroclor 1221	ND		mg/kg	0.0369	0.00340	1	A
Aroclor 1232	ND		mg/kg	0.0369	0.00432	1	A
Aroclor 1242	ND		mg/kg	0.0369	0.00451	1	A
Aroclor 1248	ND		mg/kg	0.0369	0.00311	1	A
Aroclor 1254	ND		mg/kg	0.0369	0.00303	1	A
Aroclor 1260	ND		mg/kg	0.0369	0.00281	1	A
Aroclor 1262	ND		mg/kg	0.0369	0.00183	1	A
Aroclor 1268	ND		mg/kg	0.0369	0.00535	1	A
PCBs, Total	ND		mg/kg	0.0369	0.00183	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
Client ID: DP-037-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 22:30
Analyst: JW
Percent Solids: 84%

Date Collected: 07/09/15 09:45
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0386	0.00305	1	A
Aroclor 1221	ND		mg/kg	0.0386	0.00356	1	A
Aroclor 1232	ND		mg/kg	0.0386	0.00452	1	A
Aroclor 1242	ND		mg/kg	0.0386	0.00472	1	A
Aroclor 1248	ND		mg/kg	0.0386	0.00325	1	A
Aroclor 1254	ND		mg/kg	0.0386	0.00317	1	A
Aroclor 1260	ND		mg/kg	0.0386	0.00294	1	A
Aroclor 1262	ND		mg/kg	0.0386	0.00191	1	A
Aroclor 1268	ND		mg/kg	0.0386	0.00559	1	A
PCBs, Total	ND		mg/kg	0.0386	0.00191	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/12/15 22:43
 Analyst: JW
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 23:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/12/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0369	0.00292	1	A
Aroclor 1221	ND		mg/kg	0.0369	0.00340	1	A
Aroclor 1232	ND		mg/kg	0.0369	0.00433	1	A
Aroclor 1242	ND		mg/kg	0.0369	0.00452	1	A
Aroclor 1248	ND		mg/kg	0.0369	0.00312	1	A
Aroclor 1254	ND		mg/kg	0.0369	0.00303	1	A
Aroclor 1260	ND		mg/kg	0.0369	0.00281	1	A
Aroclor 1262	ND		mg/kg	0.0369	0.00183	1	A
Aroclor 1268	ND		mg/kg	0.0369	0.00535	1	A
PCBs, Total	ND		mg/kg	0.0369	0.00183	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
Client ID: DP-038-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 22:56
Analyst: JW
Percent Solids: 89%

Date Collected: 07/09/15 10:00
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0367	0.00290	1	A
Aroclor 1221	ND		mg/kg	0.0367	0.00339	1	A
Aroclor 1232	ND		mg/kg	0.0367	0.00430	1	A
Aroclor 1242	ND		mg/kg	0.0367	0.00450	1	A
Aroclor 1248	ND		mg/kg	0.0367	0.00310	1	A
Aroclor 1254	ND		mg/kg	0.0367	0.00302	1	A
Aroclor 1260	ND		mg/kg	0.0367	0.00280	1	A
Aroclor 1262	ND		mg/kg	0.0367	0.00182	1	A
Aroclor 1268	ND		mg/kg	0.0367	0.00533	1	A
PCBs, Total	ND		mg/kg	0.0367	0.00182	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
Client ID: DP-038-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/12/15 23:10
Analyst: JW
Percent Solids: 84%

Date Collected: 07/09/15 10:05
Date Received: 07/09/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0386	0.00305	1	A
Aroclor 1221	ND		mg/kg	0.0386	0.00356	1	A
Aroclor 1232	ND		mg/kg	0.0386	0.00452	1	A
Aroclor 1242	ND		mg/kg	0.0386	0.00472	1	A
Aroclor 1248	ND		mg/kg	0.0386	0.00326	1	A
Aroclor 1254	ND		mg/kg	0.0386	0.00317	1	A
Aroclor 1260	ND		mg/kg	0.0386	0.00294	1	A
Aroclor 1262	ND		mg/kg	0.0386	0.00191	1	A
Aroclor 1268	ND		mg/kg	0.0386	0.00560	1	A
PCBs, Total	ND		mg/kg	0.0386	0.00191	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/11/15 21:22
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 07/10/15 21:54
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG801750-1						
Aroclor 1016	ND		ug/l	0.250	0.066	A
Aroclor 1221	ND		ug/l	0.250	0.064	A
Aroclor 1232	ND		ug/l	0.250	0.037	A
Aroclor 1242	ND		ug/l	0.250	0.072	A
Aroclor 1248	ND		ug/l	0.250	0.061	A
Aroclor 1254	ND		ug/l	0.250	0.041	A
Aroclor 1260	ND		ug/l	0.250	0.038	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.045	A
PCBs, Total	ND		ug/l	0.250	0.035	A

Surrogate	%Recovery	Qualifier	Acceptance	Column
			Criteria	
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/12/15 23:23
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 07/10/15 23:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-22 Batch: WG801769-1						
Aroclor 1016	ND		mg/kg	0.0318	0.00251	A
Aroclor 1221	ND		mg/kg	0.0318	0.00293	A
Aroclor 1232	ND		mg/kg	0.0318	0.00372	A
Aroclor 1242	ND		mg/kg	0.0318	0.00389	A
Aroclor 1248	ND		mg/kg	0.0318	0.00268	A
Aroclor 1254	ND		mg/kg	0.0318	0.00261	A
Aroclor 1260	ND		mg/kg	0.0318	0.00242	A
Aroclor 1262	ND		mg/kg	0.0318	0.00158	A
Aroclor 1268	ND		mg/kg	0.0318	0.00461	A
PCBs, Total	ND		mg/kg	0.0318	0.00158	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG801750-2 WG801750-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	73		75		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	A
Decachlorobiphenyl	89		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		75		30-150	B
Decachlorobiphenyl	102		104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-22 Batch: WG801769-2 WG801769-3									
Aroclor 1016	92		92		40-140	0		50	A
Aroclor 1260	89		91		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	A
Decachlorobiphenyl	70		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		73		30-150	B
Decachlorobiphenyl	90		92		30-150	B

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-02
Client ID: EB01-070915
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/09/15 15:10
Date Received: 07/09/15
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	220		ug/l	100	20.	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Antimony, Total	40.5	J	ug/l	50.0	8.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Arsenic, Total	3.30	J	ug/l	5.00	2.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Barium, Total	6.80	J	ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Calcium, Total	370		ug/l	100	30.	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Chromium, Total	2.3	J	ug/l	10.	2.0	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Copper, Total	3.10	J	ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Iron, Total	300		ug/l	50.	20.	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Lead, Total	7.80	J	ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Magnesium, Total	42.	J	ug/l	100	10.	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Manganese, Total	21.2		ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/13/15 15:58	07/13/15 19:20	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Potassium, Total	ND		ug/l	2500	400	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Selenium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Silver, Total	ND		ug/l	7.00	2.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Sodium, Total	610	J	ug/l	2000	300	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Thallium, Total	ND		ug/l	20.0	4.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT
Zinc, Total	7.80	J	ug/l	50.0	7.00	1	07/13/15 13:47	07/15/15 15:52	EPA 3005A	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-03
 Client ID: DP-033-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 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	3300		mg/kg	9.1	1.8	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Arsenic, Total	5.6		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Barium, Total	21		mg/kg	0.91	0.27	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Beryllium, Total	0.19	J	mg/kg	0.46	0.09	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Calcium, Total	2800		mg/kg	9.1	2.7	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Cobalt, Total	3.3		mg/kg	1.8	0.46	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.6	1.8	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Lead, Total	20		mg/kg	4.6	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Magnesium, Total	3600		mg/kg	9.1	0.91	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Manganese, Total	100		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 13:59	EPA 7471B	1,7471B	DB
Nickel, Total	34		mg/kg	2.3	0.36	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Potassium, Total	190	J	mg/kg	230	36.	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Sodium, Total	3800		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.91	0.09	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT
Zinc, Total	47		mg/kg	4.6	0.64	2	07/11/15 06:30	07/13/15 14:42	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-04
 Client ID: DP-033-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 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	8.4	1.7	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Arsenic, Total	6.6		mg/kg	0.84	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Barium, Total	39		mg/kg	0.84	0.25	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Beryllium, Total	0.51		mg/kg	0.42	0.08	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Cadmium, Total	0.09	J	mg/kg	0.84	0.06	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Calcium, Total	15000		mg/kg	8.4	2.5	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.84	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Cobalt, Total	4.0		mg/kg	1.7	0.42	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.84	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.2	1.7	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Lead, Total	25		mg/kg	4.2	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Magnesium, Total	6100		mg/kg	8.4	0.84	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Manganese, Total	400		mg/kg	0.84	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	07/14/15 06:03	07/14/15 14:05	EPA 7471B	1,7471B	DB
Nickel, Total	35		mg/kg	2.1	0.34	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Potassium, Total	390		mg/kg	210	34.	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.84	0.17	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Sodium, Total	3700		mg/kg	170	25.	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.84	0.08	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT
Zinc, Total	68		mg/kg	4.2	0.59	2	07/11/15 06:30	07/13/15 14:46	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-05
 Client ID: DP-033-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 08:00
 Date Received: 07/09/15
 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	9.3	1.9	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Barium, Total	50		mg/kg	0.93	0.28	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Beryllium, Total	0.44	J	mg/kg	0.47	0.09	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Calcium, Total	1600		mg/kg	9.3	2.8	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Cobalt, Total	12		mg/kg	1.9	0.47	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.7	1.9	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Lead, Total	7.6		mg/kg	4.7	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.3	0.93	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Manganese, Total	580		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:07	EPA 7471B	1,7471B	DB
Nickel, Total	9.1		mg/kg	2.3	0.37	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Potassium, Total	610		mg/kg	230	37.	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Sodium, Total	17000		mg/kg	190	28.	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Vanadium, Total	31		mg/kg	0.93	0.09	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT
Zinc, Total	35		mg/kg	4.7	0.65	2	07/11/15 06:30	07/13/15 14:50	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-06
 Client ID: DP-033-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/09/15 08:05
 Date Received: 07/09/15
 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	9.1	1.8	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Arsenic, Total	7.7		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Barium, Total	50		mg/kg	0.91	0.27	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Beryllium, Total	0.36	J	mg/kg	0.45	0.09	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Calcium, Total	310		mg/kg	9.1	2.7	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Cobalt, Total	4.1		mg/kg	1.8	0.45	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.5	1.8	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Lead, Total	3.0	J	mg/kg	4.5	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.1	0.91	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Manganese, Total	86		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/14/15 06:03	07/14/15 14:09	EPA 7471B	1,7471B	DB
Nickel, Total	8.8		mg/kg	2.3	0.36	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Potassium, Total	360		mg/kg	230	36.	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Sodium, Total	17000		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.91	0.09	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	4.5	0.64	2	07/11/15 06:30	07/13/15 15:13	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 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	8.9	1.8	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Arsenic, Total	8.2		mg/kg	0.89	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Barium, Total	22		mg/kg	0.89	0.27	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.44	0.09	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Calcium, Total	300		mg/kg	8.9	2.7	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.89	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Cobalt, Total	3.9		mg/kg	1.8	0.44	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Copper, Total	8.7		mg/kg	0.89	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.4	1.8	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Lead, Total	4.8		mg/kg	4.4	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Magnesium, Total	810		mg/kg	8.9	0.89	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Manganese, Total	98		mg/kg	0.89	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/14/15 06:03	07/14/15 14:10	EPA 7471B	1,7471B	DB
Nickel, Total	7.4		mg/kg	2.2	0.36	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Potassium, Total	280		mg/kg	220	36.	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Sodium, Total	820		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Vanadium, Total	17		mg/kg	0.89	0.09	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT
Zinc, Total	21		mg/kg	4.4	0.62	2	07/11/15 06:30	07/13/15 15:17	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 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	8000		mg/kg	9.1	1.8	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Barium, Total	29		mg/kg	0.91	0.27	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Beryllium, Total	0.43	J	mg/kg	0.46	0.09	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Calcium, Total	190		mg/kg	9.1	2.7	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Chromium, Total	9.8		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Cobalt, Total	7.0		mg/kg	1.8	0.46	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Copper, Total	9.5		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.6	1.8	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Lead, Total	3.8	J	mg/kg	4.6	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Magnesium, Total	850		mg/kg	9.1	0.91	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Manganese, Total	280		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:12	EPA 7471B	1,7471B	DB
Nickel, Total	7.1		mg/kg	2.3	0.36	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Potassium, Total	270		mg/kg	230	36.	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Sodium, Total	1600		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Vanadium, Total	19		mg/kg	0.91	0.09	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT
Zinc, Total	27		mg/kg	4.6	0.64	2	07/11/15 06:30	07/13/15 15:21	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 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	9.4	1.9	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Arsenic, Total	6.0		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Barium, Total	34		mg/kg	0.94	0.28	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Beryllium, Total	0.42	J	mg/kg	0.47	0.09	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Calcium, Total	240		mg/kg	9.4	2.8	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Cobalt, Total	4.3		mg/kg	1.9	0.47	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.7	1.9	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Lead, Total	9.2		mg/kg	4.7	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	9.4	0.94	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Manganese, Total	53		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:14	EPA 7471B	1,7471B	DB
Nickel, Total	9.7		mg/kg	2.4	0.38	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Potassium, Total	390		mg/kg	240	38.	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Sodium, Total	3700		mg/kg	190	28.	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.94	0.09	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	4.7	0.66	2	07/11/15 06:30	07/13/15 15:24	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 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	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.92	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Barium, Total	28		mg/kg	0.92	0.28	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Beryllium, Total	0.33	J	mg/kg	0.46	0.09	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Calcium, Total	880		mg/kg	9.2	2.8	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	0.92	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Cobalt, Total	5.9		mg/kg	1.8	0.46	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.92	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.6	1.8	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Lead, Total	5.4		mg/kg	4.6	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.2	0.92	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.92	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:16	EPA 7471B	1,7471B	DB
Nickel, Total	8.7		mg/kg	2.3	0.37	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Potassium, Total	340		mg/kg	230	37.	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Sodium, Total	630		mg/kg	180	28.	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.92	0.09	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT
Zinc, Total	30		mg/kg	4.6	0.64	2	07/11/15 06:30	07/13/15 15:28	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
 Client ID: DP-035-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/09/15 08:46
 Date Received: 07/09/15
 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	9.4	1.9	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Arsenic, Total	13		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Barium, Total	50		mg/kg	0.94	0.28	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Beryllium, Total	0.66		mg/kg	0.47	0.09	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Calcium, Total	110		mg/kg	9.4	2.8	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Cobalt, Total	4.6		mg/kg	1.9	0.47	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.7	1.9	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Lead, Total	6.8		mg/kg	4.7	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Magnesium, Total	1100		mg/kg	9.4	0.94	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Manganese, Total	98		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:17	EPA 7471B	1,7471B	DB
Nickel, Total	9.0		mg/kg	2.4	0.38	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Potassium, Total	320		mg/kg	240	38.	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Sodium, Total	560		mg/kg	190	28.	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.94	0.09	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT
Zinc, Total	35		mg/kg	4.7	0.66	2	07/11/15 06:30	07/13/15 15:32	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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	1.9	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Arsenic, Total	4.2		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Barium, Total	26		mg/kg	0.93	0.28	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Beryllium, Total	0.38	J	mg/kg	0.47	0.09	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Calcium, Total	120		mg/kg	9.3	2.8	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Cobalt, Total	6.5		mg/kg	1.9	0.47	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.7	1.9	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Lead, Total	7.7		mg/kg	4.7	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Magnesium, Total	2200		mg/kg	9.3	0.93	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Manganese, Total	78		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:23	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.3	0.37	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Potassium, Total	480		mg/kg	230	37.	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Sodium, Total	11000		mg/kg	190	28.	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Vanadium, Total	18		mg/kg	0.93	0.09	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.7	0.65	2	07/11/15 06:30	07/13/15 15:35	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 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	9800		mg/kg	9.1	1.8	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Arsenic, Total	44		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Barium, Total	31		mg/kg	0.91	0.27	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Beryllium, Total	2.9		mg/kg	0.45	0.09	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Cadmium, Total	0.14	J	mg/kg	0.91	0.06	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Calcium, Total	150		mg/kg	9.1	2.7	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Chromium, Total	33		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Cobalt, Total	6.8		mg/kg	1.8	0.45	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Copper, Total	25		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Iron, Total	61000		mg/kg	4.5	1.8	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Lead, Total	8.7		mg/kg	4.5	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Magnesium, Total	1400		mg/kg	9.1	0.91	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Manganese, Total	64		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:24	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.3	0.36	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Potassium, Total	420		mg/kg	230	36.	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Sodium, Total	15000		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Thallium, Total	0.36	J	mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.91	0.09	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT
Zinc, Total	50		mg/kg	4.5	0.63	2	07/11/15 06:30	07/13/15 15:55	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
 Client ID: DP-036-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/09/15 09:05
 Date Received: 07/09/15
 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	9.0	1.8	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Arsenic, Total	7.5		mg/kg	0.90	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Barium, Total	19		mg/kg	0.90	0.27	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Beryllium, Total	0.22	J	mg/kg	0.45	0.09	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Cadmium, Total	0.40	J	mg/kg	0.90	0.06	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Calcium, Total	450		mg/kg	9.0	2.7	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Chromium, Total	9.7		mg/kg	0.90	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Cobalt, Total	4.9		mg/kg	1.8	0.45	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Copper, Total	7.4		mg/kg	0.90	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.5	1.8	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Lead, Total	5.7		mg/kg	4.5	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Magnesium, Total	670		mg/kg	9.0	0.90	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Manganese, Total	140		mg/kg	0.90	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:26	EPA 7471B	1,7471B	DB
Nickel, Total	6.4		mg/kg	2.2	0.36	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Potassium, Total	240		mg/kg	220	36.	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Sodium, Total	320		mg/kg	180	27.	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.90	0.09	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT
Zinc, Total	19		mg/kg	4.5	0.63	2	07/11/15 06:30	07/13/15 15:58	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 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	9.3	1.8	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Arsenic, Total	2.9		mg/kg	0.93	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Barium, Total	53		mg/kg	0.93	0.28	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.46	0.09	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Calcium, Total	270		mg/kg	9.3	2.8	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.93	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Cobalt, Total	5.2		mg/kg	1.8	0.46	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Copper, Total	11		mg/kg	0.93	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.6	1.8	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Lead, Total	9.1		mg/kg	4.6	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	9.3	0.93	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Manganese, Total	140		mg/kg	0.93	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:28	EPA 7471B	1,7471B	DB
Nickel, Total	9.0		mg/kg	2.3	0.37	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Potassium, Total	380		mg/kg	230	37.	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.93	0.18	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Sodium, Total	280		mg/kg	180	28.	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	0.93	0.09	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC
Zinc, Total	34		mg/kg	4.6	0.65	2	07/11/15 12:00	07/14/15 18:58	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 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	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Arsenic, Total	2.0		mg/kg	0.94	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Barium, Total	47		mg/kg	0.94	0.28	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Beryllium, Total	0.49		mg/kg	0.47	0.09	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Calcium, Total	260		mg/kg	9.4	2.8	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	0.94	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Cobalt, Total	4.2		mg/kg	1.9	0.47	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Copper, Total	17		mg/kg	0.94	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Iron, Total	17000		mg/kg	4.7	1.9	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Lead, Total	11		mg/kg	4.7	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	9.4	0.94	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Manganese, Total	45		mg/kg	0.94	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 14:29	EPA 7471B	1,7471B	DB
Nickel, Total	9.1		mg/kg	2.4	0.38	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Potassium, Total	450		mg/kg	240	38.	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Sodium, Total	420		mg/kg	190	28.	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	0.94	0.09	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC
Zinc, Total	29		mg/kg	4.7	0.66	2	07/11/15 12:00	07/14/15 19:02	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 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	8.7	1.7	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Arsenic, Total	4.3		mg/kg	0.87	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Barium, Total	35		mg/kg	0.87	0.26	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Beryllium, Total	0.49		mg/kg	0.44	0.09	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Calcium, Total	6700		mg/kg	8.7	2.6	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.87	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Cobalt, Total	7.1		mg/kg	1.7	0.44	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Copper, Total	10		mg/kg	0.87	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.4	1.7	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Lead, Total	13		mg/kg	4.4	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	8.7	0.87	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Manganese, Total	120		mg/kg	0.87	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	07/14/15 07:52	07/14/15 15:29	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.2	0.35	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Potassium, Total	360		mg/kg	220	35.	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.87	0.17	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Sodium, Total	2600		mg/kg	170	26.	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.87	0.09	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC
Zinc, Total	29		mg/kg	4.4	0.61	2	07/11/15 14:19	07/14/15 20:03	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/09/15 09:40
 Date Received: 07/09/15
 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	8.9	1.8	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.71	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Arsenic, Total	6.8		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Barium, Total	26		mg/kg	0.89	0.27	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Beryllium, Total	0.55		mg/kg	0.45	0.09	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Calcium, Total	190		mg/kg	8.9	2.7	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Cobalt, Total	8.6		mg/kg	1.8	0.45	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Copper, Total	13		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Iron, Total	27000		mg/kg	4.5	1.8	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Lead, Total	13		mg/kg	4.5	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Magnesium, Total	870		mg/kg	8.9	0.89	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Manganese, Total	410		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/14/15 07:52	07/14/15 15:43	EPA 7471B	1,7471B	DB
Nickel, Total	8.4		mg/kg	2.2	0.36	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Potassium, Total	300		mg/kg	220	36.	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Sodium, Total	1900		mg/kg	180	27.	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.89	0.09	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC
Zinc, Total	28		mg/kg	4.5	0.62	2	07/11/15 14:19	07/14/15 20:41	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 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	9.1	1.8	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Arsenic, Total	2.7		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Barium, Total	200		mg/kg	0.91	0.27	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Beryllium, Total	0.37	J	mg/kg	0.45	0.09	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Calcium, Total	310		mg/kg	9.1	2.7	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Cobalt, Total	2.9		mg/kg	1.8	0.45	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Copper, Total	12		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Iron, Total	7400		mg/kg	4.5	1.8	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Lead, Total	10		mg/kg	4.5	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	9.1	0.91	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Manganese, Total	28		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:44	EPA 7471B	1,7471B	DB
Nickel, Total	7.5		mg/kg	2.3	0.36	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Potassium, Total	390		mg/kg	230	36.	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Sodium, Total	550		mg/kg	180	27.	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Vanadium, Total	23		mg/kg	0.91	0.09	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC
Zinc, Total	27		mg/kg	4.5	0.64	2	07/11/15 14:19	07/14/15 20:45	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 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	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Arsenic, Total	3.0		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Barium, Total	45		mg/kg	0.90	0.27	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Beryllium, Total	0.38	J	mg/kg	0.45	0.09	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Calcium, Total	14000		mg/kg	9.0	2.7	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Cobalt, Total	5.4		mg/kg	1.8	0.45	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Copper, Total	12		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.5	1.8	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Lead, Total	21		mg/kg	4.5	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Magnesium, Total	1500		mg/kg	9.0	0.90	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Manganese, Total	150		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:46	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.2	0.36	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Potassium, Total	830		mg/kg	220	36.	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Sodium, Total	7800		mg/kg	180	27.	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.90	0.09	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC
Zinc, Total	37		mg/kg	4.5	0.63	2	07/11/15 14:19	07/14/15 20:49	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 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	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Arsenic, Total	3.3		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Barium, Total	29		mg/kg	0.90	0.27	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Beryllium, Total	0.35	J	mg/kg	0.45	0.09	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Calcium, Total	160		mg/kg	9.0	2.7	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Cobalt, Total	3.6		mg/kg	1.8	0.45	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Copper, Total	10		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	4.5	1.8	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Lead, Total	5.5		mg/kg	4.5	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.0	0.90	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Manganese, Total	69		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:48	EPA 7471B	1,7471B	DB
Nickel, Total	8.6		mg/kg	2.2	0.36	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Potassium, Total	640		mg/kg	220	36.	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Sodium, Total	12000		mg/kg	180	27.	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Vanadium, Total	21		mg/kg	0.90	0.09	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC
Zinc, Total	29		mg/kg	4.5	0.63	2	07/11/15 14:19	07/14/15 20:53	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 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	9.1	1.8	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Arsenic, Total	5.8		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Barium, Total	20		mg/kg	0.91	0.27	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Beryllium, Total	0.38	J	mg/kg	0.46	0.09	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Calcium, Total	240		mg/kg	9.1	2.7	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Cobalt, Total	3.3		mg/kg	1.8	0.46	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Copper, Total	14		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	4.6	1.8	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Lead, Total	9.4		mg/kg	4.6	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.1	0.91	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Manganese, Total	56		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:50	EPA 7471B	1,7471B	DB
Nickel, Total	6.3		mg/kg	2.3	0.36	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Potassium, Total	470		mg/kg	230	36.	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Sodium, Total	14000		mg/kg	180	27.	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Vanadium, Total	36		mg/kg	0.91	0.09	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC
Zinc, Total	24		mg/kg	4.6	0.64	2	07/11/15 14:19	07/14/15 20:57	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-23
 Client ID: DP-039-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/09/15 13:10
 Date Received: 07/09/15
 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	8.6	1.7	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Antimony, Total	1.1	J	mg/kg	4.3	0.69	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Arsenic, Total	4.3		mg/kg	0.86	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Barium, Total	84		mg/kg	0.86	0.26	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Beryllium, Total	0.34	J	mg/kg	0.43	0.09	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Cadmium, Total	0.20	J	mg/kg	0.86	0.06	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Calcium, Total	26000		mg/kg	8.6	2.6	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.86	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Cobalt, Total	6.0		mg/kg	1.7	0.43	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Copper, Total	29		mg/kg	0.86	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.3	1.7	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Lead, Total	110		mg/kg	4.3	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Magnesium, Total	3300		mg/kg	8.6	0.86	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Manganese, Total	320		mg/kg	0.86	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Mercury, Total	0.25		mg/kg	0.07	0.02	1	07/14/15 07:52	07/14/15 15:52	EPA 7471B	1,7471B	DB
Nickel, Total	7.7		mg/kg	2.2	0.34	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Potassium, Total	710		mg/kg	220	34.	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.86	0.17	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Sodium, Total	56	J	mg/kg	170	26.	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.86	0.09	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC
Zinc, Total	80		mg/kg	4.3	0.60	2	07/11/15 14:19	07/14/15 21:16	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-24
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 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	6600		mg/kg	8.9	1.8	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Antimony, Total	160		mg/kg	4.5	0.72	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Arsenic, Total	10		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Barium, Total	230		mg/kg	0.89	0.27	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.45	0.09	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Cadmium, Total	0.31	J	mg/kg	0.89	0.06	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Calcium, Total	7300		mg/kg	8.9	2.7	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Cobalt, Total	7.4		mg/kg	1.8	0.45	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Copper, Total	140		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.5	1.8	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Lead, Total	2400		mg/kg	4.5	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Magnesium, Total	1200		mg/kg	8.9	0.89	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Manganese, Total	320		mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Mercury, Total	2.9		mg/kg	0.22	0.05	3	07/14/15 07:52	07/14/15 16:34	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.2	0.36	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Potassium, Total	670		mg/kg	220	36.	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Selenium, Total	0.38	J	mg/kg	1.8	0.27	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Silver, Total	0.62	J	mg/kg	0.89	0.18	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Sodium, Total	86	J	mg/kg	180	27.	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.89	0.09	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC
Zinc, Total	240		mg/kg	4.5	0.63	2	07/11/15 14:19	07/14/15 21:20	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-25
 Client ID: DP-039-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 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	6600		mg/kg	9.4	1.9	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Antimony, Total	190		mg/kg	4.7	0.75	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Arsenic, Total	12		mg/kg	0.94	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Barium, Total	200		mg/kg	0.94	0.28	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Beryllium, Total	0.61		mg/kg	0.47	0.09	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Cadmium, Total	0.30	J	mg/kg	0.94	0.07	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Calcium, Total	7800		mg/kg	9.4	2.8	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Chromium, Total	17		mg/kg	0.94	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Cobalt, Total	8.6		mg/kg	1.9	0.47	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Copper, Total	220		mg/kg	0.94	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Iron, Total	18000		mg/kg	4.7	1.9	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Lead, Total	2400		mg/kg	4.7	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.4	0.94	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Manganese, Total	300		mg/kg	0.94	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Mercury, Total	1.2		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:56	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.3	0.37	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Potassium, Total	650		mg/kg	230	37.	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Selenium, Total	0.30	J	mg/kg	1.9	0.28	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Silver, Total	0.44	J	mg/kg	0.94	0.19	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Sodium, Total	89	J	mg/kg	190	28.	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	0.94	0.09	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC
Zinc, Total	380		mg/kg	4.7	0.66	2	07/11/15 14:19	07/14/15 21:24	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-26
 Client ID: DP-039-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/09/15 13:18
 Date Received: 07/09/15
 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	9.7	1.9	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Antimony, Total	0.94	J	mg/kg	4.8	0.78	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Arsenic, Total	4.5		mg/kg	0.97	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Barium, Total	77		mg/kg	0.97	0.29	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Beryllium, Total	0.83		mg/kg	0.48	0.10	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Calcium, Total	1600		mg/kg	9.7	2.9	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Chromium, Total	19		mg/kg	0.97	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Cobalt, Total	15		mg/kg	1.9	0.48	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Copper, Total	19		mg/kg	0.97	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Iron, Total	18000		mg/kg	4.8	1.9	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Lead, Total	59		mg/kg	4.8	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Magnesium, Total	870		mg/kg	9.7	0.97	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Manganese, Total	340		mg/kg	0.97	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Mercury, Total	0.32		mg/kg	0.09	0.02	1	07/14/15 07:52	07/14/15 16:02	EPA 7471B	1,7471B	DB
Nickel, Total	8.6		mg/kg	2.4	0.39	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Potassium, Total	650		mg/kg	240	39.	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Selenium, Total	0.69	J	mg/kg	1.9	0.29	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Sodium, Total	75	J	mg/kg	190	29.	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	0.97	0.10	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC
Zinc, Total	50		mg/kg	4.8	0.68	2	07/11/15 14:19	07/14/15 21:27	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 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	9.3	1.9	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Arsenic, Total	4.4		mg/kg	0.93	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Barium, Total	82		mg/kg	0.93	0.28	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.36	J	mg/kg	0.47	0.09	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Cadmium, Total	0.18	J	mg/kg	0.93	0.07	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Calcium, Total	37000		mg/kg	9.3	2.8	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.93	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Cobalt, Total	5.8		mg/kg	1.9	0.47	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Copper, Total	26		mg/kg	0.93	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.7	1.9	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Lead, Total	120		mg/kg	4.7	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Magnesium, Total	2600		mg/kg	9.3	0.93	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Manganese, Total	240		mg/kg	0.93	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.28		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 16:03	EPA 7471B	1,7471B	DB
Nickel, Total	8.1		mg/kg	2.3	0.37	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Potassium, Total	860		mg/kg	230	37.	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.93	0.19	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Sodium, Total	50	J	mg/kg	190	28.	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	0.93	0.09	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC
Zinc, Total	77		mg/kg	4.7	0.65	2	07/11/15 14:19	07/14/15 21:31	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-28
 Client ID: DP-040-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/09/15 13:25
 Date Received: 07/09/15
 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	10	2.1	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Antimony, Total	1.7	J	mg/kg	5.2	0.83	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Arsenic, Total	17		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Barium, Total	360		mg/kg	1.0	0.31	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Beryllium, Total	0.52		mg/kg	0.52	0.10	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Cadmium, Total	0.34	J	mg/kg	1.0	0.07	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Calcium, Total	9700		mg/kg	10	3.1	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Cobalt, Total	6.4		mg/kg	2.1	0.52	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Copper, Total	160		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Iron, Total	9600		mg/kg	5.2	2.1	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Lead, Total	700		mg/kg	5.2	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Magnesium, Total	630		mg/kg	10	1.0	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Manganese, Total	210		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Mercury, Total	0.91		mg/kg	0.09	0.02	1	07/14/15 07:52	07/14/15 16:05	EPA 7471B	1,7471B	DB
Nickel, Total	18		mg/kg	2.6	0.41	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Potassium, Total	520		mg/kg	260	41.	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Selenium, Total	0.48	J	mg/kg	2.1	0.31	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Silver, Total	0.46	J	mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Sodium, Total	220		mg/kg	210	31.	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.41	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Vanadium, Total	21		mg/kg	1.0	0.10	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC
Zinc, Total	310		mg/kg	5.2	0.72	2	07/11/15 14:19	07/14/15 21:35	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-29
 Client ID: DP-040-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 71%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 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	11	2.2	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.4	0.86	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Arsenic, Total	8.3		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Barium, Total	220		mg/kg	1.1	0.32	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Beryllium, Total	0.53	J	mg/kg	0.54	0.11	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Cadmium, Total	0.09	J	mg/kg	1.1	0.08	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Calcium, Total	7200		mg/kg	11	3.2	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Chromium, Total	10		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Cobalt, Total	6.6		mg/kg	2.2	0.54	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Copper, Total	31		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Iron, Total	7400		mg/kg	5.4	2.2	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Lead, Total	64		mg/kg	5.4	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Magnesium, Total	620		mg/kg	11	1.1	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Manganese, Total	110		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Mercury, Total	0.13		mg/kg	0.09	0.02	1	07/14/15 07:52	07/14/15 16:07	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.7	0.43	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Potassium, Total	760		mg/kg	270	43.	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.2	0.32	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Sodium, Total	420		mg/kg	220	32.	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.2	0.43	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Vanadium, Total	22		mg/kg	1.1	0.11	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC
Zinc, Total	120		mg/kg	5.4	0.76	2	07/11/15 14:19	07/14/15 21:39	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-30
 Client ID: DP-040-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 73%

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 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	11	2.2	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Antimony, Total	4.3	J	mg/kg	5.4	0.86	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Arsenic, Total	14		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Barium, Total	520		mg/kg	1.1	0.32	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Beryllium, Total	0.74		mg/kg	0.54	0.11	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Cadmium, Total	0.44	J	mg/kg	1.1	0.08	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Calcium, Total	12000		mg/kg	11	3.2	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Chromium, Total	22		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Cobalt, Total	11		mg/kg	2.2	0.54	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Copper, Total	240		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	5.4	2.2	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Lead, Total	500		mg/kg	5.4	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Magnesium, Total	970		mg/kg	11	1.1	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Mercury, Total	3.3		mg/kg	0.26	0.05	3	07/14/15 07:52	07/14/15 16:36	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.7	0.43	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Potassium, Total	700		mg/kg	270	43.	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Selenium, Total	0.60	J	mg/kg	2.2	0.32	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Silver, Total	0.48	J	mg/kg	1.1	0.22	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Sodium, Total	530		mg/kg	220	32.	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.2	0.43	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Vanadium, Total	37		mg/kg	1.1	0.11	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC
Zinc, Total	320		mg/kg	5.4	0.76	2	07/11/15 14:19	07/14/15 21:42	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-31
 Client ID: DP-043-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/09/15 14:40
 Date Received: 07/09/15
 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	8700		mg/kg	9.6	1.9	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Arsenic, Total	3.9		mg/kg	0.96	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Barium, Total	68		mg/kg	0.96	0.29	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Beryllium, Total	0.78		mg/kg	0.48	0.10	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Calcium, Total	1400		mg/kg	9.6	2.9	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.96	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Cobalt, Total	15		mg/kg	1.9	0.48	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Copper, Total	12		mg/kg	0.96	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Iron, Total	17000		mg/kg	4.8	1.9	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Lead, Total	48		mg/kg	4.8	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Magnesium, Total	910		mg/kg	9.6	0.96	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Manganese, Total	890		mg/kg	0.96	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Mercury, Total	0.19		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 16:11	EPA 7471B	1,7471B	DB
Nickel, Total	8.9		mg/kg	2.4	0.38	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	240	38.	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Selenium, Total	0.31	J	mg/kg	1.9	0.29	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Sodium, Total	78	J	mg/kg	190	29.	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Vanadium, Total	25		mg/kg	0.96	0.10	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC
Zinc, Total	42		mg/kg	4.8	0.67	2	07/11/15 14:19	07/14/15 22:02	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-32
 Client ID: DP-044-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/09/15 14:43
 Date Received: 07/09/15
 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	8.8	1.8	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Arsenic, Total	4.8		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Barium, Total	90		mg/kg	0.88	0.26	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Beryllium, Total	0.49		mg/kg	0.44	0.09	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Cadmium, Total	0.13	J	mg/kg	0.88	0.06	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Calcium, Total	10000		mg/kg	8.8	2.6	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Cobalt, Total	13		mg/kg	1.8	0.44	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Copper, Total	43		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.4	1.8	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Lead, Total	150		mg/kg	4.4	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	8.8	0.88	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Manganese, Total	340		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Mercury, Total	0.32		mg/kg	0.07	0.02	1	07/14/15 07:52	07/14/15 16:13	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.2	0.35	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Potassium, Total	470		mg/kg	220	35.	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Sodium, Total	54	J	mg/kg	180	26.	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.88	0.09	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC
Zinc, Total	85		mg/kg	4.4	0.62	2	07/11/15 14:19	07/14/15 22:06	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-33
 Client ID: DP-044-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/09/15 14:45
 Date Received: 07/09/15
 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	10	2.1	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.2	0.83	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Arsenic, Total	10		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Barium, Total	280		mg/kg	1.0	0.31	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Beryllium, Total	0.78		mg/kg	0.52	0.10	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Cadmium, Total	0.24	J	mg/kg	1.0	0.07	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Calcium, Total	6500		mg/kg	10	3.1	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Cobalt, Total	9.9		mg/kg	2.1	0.52	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Copper, Total	48		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Iron, Total	12000		mg/kg	5.2	2.1	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Lead, Total	300		mg/kg	5.2	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Magnesium, Total	580		mg/kg	10	1.0	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Mercury, Total	0.17		mg/kg	0.09	0.02	1	07/14/15 07:52	07/14/15 16:15	EPA 7471B	1,7471B	DB
Nickel, Total	17		mg/kg	2.6	0.42	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Potassium, Total	610		mg/kg	260	42.	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.1	0.31	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Sodium, Total	250		mg/kg	210	31.	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.42	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Vanadium, Total	32		mg/kg	1.0	0.10	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC
Zinc, Total	160		mg/kg	5.2	0.73	2	07/11/15 14:19	07/14/15 22:09	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-34
 Client ID: DP-044-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 69%

Date Collected: 07/09/15 14:50
 Date Received: 07/09/15
 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	11	2.3	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Antimony, Total	43		mg/kg	5.7	0.91	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Arsenic, Total	14		mg/kg	1.1	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Barium, Total	250		mg/kg	1.1	0.34	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Beryllium, Total	0.70		mg/kg	0.57	0.11	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Cadmium, Total	0.20	J	mg/kg	1.1	0.08	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Calcium, Total	6300		mg/kg	11	3.4	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	1.1	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Cobalt, Total	7.6		mg/kg	2.3	0.57	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Copper, Total	260		mg/kg	1.1	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Iron, Total	8400		mg/kg	5.7	2.3	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Lead, Total	5100		mg/kg	5.7	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Magnesium, Total	690		mg/kg	11	1.1	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Manganese, Total	150		mg/kg	1.1	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Mercury, Total	0.08	J	mg/kg	0.10	0.02	1	07/14/15 07:52	07/14/15 16:17	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.8	0.46	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Potassium, Total	820		mg/kg	280	46.	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.3	0.34	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Silver, Total	1.3		mg/kg	1.1	0.23	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Sodium, Total	380		mg/kg	230	34.	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.3	0.46	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Vanadium, Total	40		mg/kg	1.1	0.11	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC
Zinc, Total	90		mg/kg	5.7	0.80	2	07/11/15 14:19	07/14/15 22:13	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-35
 Client ID: DP-045-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/09/15 14:55
 Date Received: 07/09/15
 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	8.8	1.8	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Arsenic, Total	5.1		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Barium, Total	66		mg/kg	0.88	0.26	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Beryllium, Total	0.38	J	mg/kg	0.44	0.09	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Cadmium, Total	0.15	J	mg/kg	0.88	0.06	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Calcium, Total	13000		mg/kg	8.8	2.6	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Cobalt, Total	5.6		mg/kg	1.8	0.44	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Copper, Total	24		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	4.4	1.8	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Lead, Total	68		mg/kg	4.4	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	8.8	0.88	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Manganese, Total	230		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Mercury, Total	0.22		mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 16:19	EPA 7471B	1,7471B	DB
Nickel, Total	7.9		mg/kg	2.2	0.35	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Potassium, Total	500		mg/kg	220	35.	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Sodium, Total	35	J	mg/kg	180	26.	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Vanadium, Total	34		mg/kg	0.88	0.09	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC
Zinc, Total	53		mg/kg	4.4	0.62	2	07/11/15 14:19	07/14/15 22:17	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-36
 Client ID: DP-045-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 07/09/15 15:00
 Date Received: 07/09/15
 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	10	2.1	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Antimony, Total	1.0	J	mg/kg	5.3	0.85	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Arsenic, Total	10		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Barium, Total	380		mg/kg	1.0	0.32	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Beryllium, Total	0.59		mg/kg	0.53	0.10	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Cadmium, Total	0.30	J	mg/kg	1.0	0.07	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Calcium, Total	9500		mg/kg	10	3.2	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Cobalt, Total	8.4		mg/kg	2.1	0.53	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Copper, Total	41		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Iron, Total	9000		mg/kg	5.3	2.1	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Lead, Total	400		mg/kg	5.3	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Magnesium, Total	640		mg/kg	10	1.0	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Mercury, Total	0.38		mg/kg	0.09	0.02	1	07/14/15 07:52	07/14/15 16:32	EPA 7471B	1,7471B	DB
Nickel, Total	17		mg/kg	2.6	0.42	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Potassium, Total	700		mg/kg	260	42.	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.1	0.32	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Sodium, Total	280		mg/kg	210	32.	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.42	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	1.0	0.10	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC
Zinc, Total	360		mg/kg	5.3	0.74	2	07/11/15 14:19	07/14/15 22:21	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-37
 Client ID: DP-045-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/09/15 15:05
 Date Received: 07/09/15
 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	9.2	1.8	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Arsenic, Total	6.3		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Barium, Total	100		mg/kg	0.92	0.28	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Beryllium, Total	0.66		mg/kg	0.46	0.09	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Calcium, Total	2200		mg/kg	9.2	2.8	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Cobalt, Total	9.4		mg/kg	1.8	0.46	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Copper, Total	28		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	4.6	1.8	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Lead, Total	60		mg/kg	4.6	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Magnesium, Total	760		mg/kg	9.2	0.92	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Manganese, Total	540		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Mercury, Total	0.31		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:23	EPA 7471B	1,7471B	DB
Nickel, Total	7.4		mg/kg	2.3	0.37	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Potassium, Total	780		mg/kg	230	37.	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Selenium, Total	1.3	J	mg/kg	1.8	0.28	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Sodium, Total	160	J	mg/kg	180	28.	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Vanadium, Total	27		mg/kg	0.92	0.09	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH
Zinc, Total	94		mg/kg	4.6	0.65	2	07/11/15 15:16	07/15/15 13:01	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-38
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/09/15 13:30
 Date Received: 07/09/15
 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	9.9	2.0	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.9	0.79	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Arsenic, Total	8.2		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Barium, Total	290		mg/kg	0.99	0.30	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Beryllium, Total	0.55		mg/kg	0.49	0.10	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.99	0.07	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Calcium, Total	52000		mg/kg	9.9	3.0	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Cobalt, Total	5.5		mg/kg	2.0	0.49	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Copper, Total	33		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.9	2.0	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Lead, Total	380		mg/kg	4.9	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Magnesium, Total	1200		mg/kg	9.9	0.99	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Manganese, Total	220		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Mercury, Total	0.20		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:29	EPA 7471B	1,7471B	DB
Nickel, Total	9.6		mg/kg	2.5	0.40	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Potassium, Total	830		mg/kg	250	40.	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Selenium, Total	0.75	J	mg/kg	2.0	0.30	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Sodium, Total	140	J	mg/kg	200	30.	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Vanadium, Total	27		mg/kg	0.99	0.10	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH
Zinc, Total	100		mg/kg	4.9	0.69	2	07/11/15 15:16	07/15/15 13:05	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-39
 Client ID: DP-046-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/09/15 13:37
 Date Received: 07/09/15
 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	9.9	2.0	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.0	0.79	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Arsenic, Total	5.6		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Barium, Total	79		mg/kg	0.99	0.30	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Beryllium, Total	0.84		mg/kg	0.50	0.10	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.99	0.07	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Calcium, Total	1600		mg/kg	9.9	3.0	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Cobalt, Total	13		mg/kg	2.0	0.50	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Copper, Total	15		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	5.0	2.0	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Lead, Total	55		mg/kg	5.0	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Magnesium, Total	800		mg/kg	9.9	0.99	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Manganese, Total	340		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Mercury, Total	0.26		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:31	EPA 7471B	1,7471B	DB
Nickel, Total	7.2		mg/kg	2.5	0.40	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Potassium, Total	600		mg/kg	250	40.	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Selenium, Total	0.73	J	mg/kg	2.0	0.30	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.99	0.20	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Sodium, Total	81	J	mg/kg	200	30.	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Vanadium, Total	29		mg/kg	0.99	0.10	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH
Zinc, Total	52		mg/kg	5.0	0.69	2	07/11/15 15:16	07/15/15 13:09	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-40
 Client ID: DP-041-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 13:43
 Date Received: 07/09/15
 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	9.4	1.9	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Arsenic, Total	5.7		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Barium, Total	110		mg/kg	0.94	0.28	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Beryllium, Total	0.49		mg/kg	0.47	0.09	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Calcium, Total	10000		mg/kg	9.4	2.8	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Cobalt, Total	5.5		mg/kg	1.9	0.47	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Copper, Total	33		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.7	1.9	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Lead, Total	150		mg/kg	4.7	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Magnesium, Total	1000		mg/kg	9.4	0.94	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Manganese, Total	260		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Mercury, Total	0.26		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:33	EPA 7471B	1,7471B	DB
Nickel, Total	8.8		mg/kg	2.3	0.38	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Potassium, Total	790		mg/kg	230	38.	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Sodium, Total	120	J	mg/kg	190	28.	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.94	0.09	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH
Zinc, Total	96		mg/kg	4.7	0.66	2	07/11/15 15:16	07/15/15 13:40	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-41
 Client ID: DP-041-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/09/15 13:45
 Date Received: 07/09/15
 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	10	2.0	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Antimony, Total	0.84	J	mg/kg	5.1	0.81	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Arsenic, Total	17		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Barium, Total	200		mg/kg	1.0	0.30	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Beryllium, Total	0.73		mg/kg	0.51	0.10	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Calcium, Total	7300		mg/kg	10	3.0	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Cobalt, Total	8.1		mg/kg	2.0	0.51	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Copper, Total	43		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	5.1	2.0	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Lead, Total	310		mg/kg	5.1	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Magnesium, Total	920		mg/kg	10	1.0	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Manganese, Total	290		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Mercury, Total	1.2		mg/kg	0.09	0.02	1	07/15/15 03:28	07/15/15 12:35	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.5	0.41	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Potassium, Total	920		mg/kg	250	41.	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Selenium, Total	0.41	J	mg/kg	2.0	0.30	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Silver, Total	0.25	J	mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Sodium, Total	170	J	mg/kg	200	30.	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Vanadium, Total	33		mg/kg	1.0	0.10	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH
Zinc, Total	140		mg/kg	5.1	0.71	2	07/11/15 15:16	07/15/15 13:44	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-42
 Client ID: DP-041-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/09/15 13:48
 Date Received: 07/09/15
 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	9.7	1.9	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.8	0.78	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Arsenic, Total	3.7		mg/kg	0.97	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Barium, Total	69		mg/kg	0.97	0.29	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Beryllium, Total	0.78		mg/kg	0.48	0.10	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Calcium, Total	1300		mg/kg	9.7	2.9	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.97	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Cobalt, Total	10		mg/kg	1.9	0.48	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Copper, Total	11		mg/kg	0.97	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Iron, Total	17000		mg/kg	4.8	1.9	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Lead, Total	35		mg/kg	4.8	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Magnesium, Total	910		mg/kg	9.7	0.97	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	0.97	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Mercury, Total	0.18		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:37	EPA 7471B	1,7471B	DB
Nickel, Total	7.3		mg/kg	2.4	0.39	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Potassium, Total	640		mg/kg	240	39.	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Selenium, Total	0.50	J	mg/kg	1.9	0.29	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.97	0.19	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Sodium, Total	92	J	mg/kg	190	29.	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Vanadium, Total	26		mg/kg	0.97	0.10	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH
Zinc, Total	32		mg/kg	4.8	0.68	2	07/11/15 15:16	07/15/15 13:47	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-43
 Client ID: DP-042-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 14:05
 Date Received: 07/09/15
 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	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Arsenic, Total	6.6		mg/kg	0.90	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Barium, Total	120		mg/kg	0.90	0.27	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Beryllium, Total	0.42	J	mg/kg	0.45	0.09	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Calcium, Total	19000		mg/kg	9.0	2.7	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Chromium, Total	11		mg/kg	0.90	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Cobalt, Total	5.1		mg/kg	1.8	0.45	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Copper, Total	30		mg/kg	0.90	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Iron, Total	13000		mg/kg	4.5	1.8	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Lead, Total	140		mg/kg	4.5	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Magnesium, Total	1200		mg/kg	9.0	0.90	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	0.90	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Mercury, Total	0.57		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:38	EPA 7471B	1,7471B	DB
Nickel, Total	8.9		mg/kg	2.3	0.36	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Potassium, Total	960		mg/kg	230	36.	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Selenium, Total	0.41	J	mg/kg	1.8	0.27	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.90	0.18	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Sodium, Total	170	J	mg/kg	180	27.	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Vanadium, Total	21		mg/kg	0.90	0.09	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH
Zinc, Total	100		mg/kg	4.5	0.63	2	07/11/15 15:16	07/15/15 13:51	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-44
 Client ID: DP-042-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 07/09/15 14:10
 Date Received: 07/09/15
 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	11	2.2	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.5	0.89	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Arsenic, Total	11		mg/kg	1.1	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Barium, Total	260		mg/kg	1.1	0.33	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Beryllium, Total	0.75		mg/kg	0.55	0.11	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.1	0.08	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Calcium, Total	18000		mg/kg	11	3.3	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	1.1	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Cobalt, Total	8.5		mg/kg	2.2	0.55	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Copper, Total	78		mg/kg	1.1	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Iron, Total	10000		mg/kg	5.5	2.2	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Lead, Total	380		mg/kg	5.5	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Magnesium, Total	720		mg/kg	11	1.1	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Manganese, Total	180		mg/kg	1.1	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Mercury, Total	0.19		mg/kg	0.09	0.02	1	07/15/15 03:28	07/15/15 12:40	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.8	0.44	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Potassium, Total	1600		mg/kg	280	44.	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Selenium, Total	0.50	J	mg/kg	2.2	0.33	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.1	0.22	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Sodium, Total	870		mg/kg	220	33.	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.2	0.44	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Vanadium, Total	31		mg/kg	1.1	0.11	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH
Zinc, Total	200		mg/kg	5.5	0.78	2	07/11/15 15:16	07/15/15 13:55	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-45
 Client ID: DP-042-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/09/15 14:15
 Date Received: 07/09/15
 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	10	2.0	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Arsenic, Total	5.0		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Barium, Total	72		mg/kg	1.0	0.30	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Beryllium, Total	0.67		mg/kg	0.50	0.10	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Calcium, Total	2200		mg/kg	10	3.0	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Cobalt, Total	7.4		mg/kg	2.0	0.50	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	5.0	2.0	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Lead, Total	35		mg/kg	5.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Magnesium, Total	920		mg/kg	10	1.0	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Manganese, Total	250		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Mercury, Total	0.21		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:42	EPA 7471B	1,7471B	DB
Nickel, Total	7.6		mg/kg	2.5	0.40	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Potassium, Total	730		mg/kg	250	40.	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Selenium, Total	1.2	J	mg/kg	2.0	0.30	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.0	0.20	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Sodium, Total	110	J	mg/kg	200	30.	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Vanadium, Total	27		mg/kg	1.0	0.10	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH
Zinc, Total	43		mg/kg	5.0	0.70	2	07/11/15 15:16	07/15/15 13:59	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-46
 Client ID: DP-043-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/09/15 14:30
 Date Received: 07/09/15
 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	9.2	1.8	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Arsenic, Total	10		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Barium, Total	40		mg/kg	0.92	0.27	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Beryllium, Total	0.40	J	mg/kg	0.46	0.09	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Calcium, Total	8400		mg/kg	9.2	2.7	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Chromium, Total	26		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Cobalt, Total	1.8		mg/kg	1.8	0.46	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Iron, Total	48000		mg/kg	4.6	1.8	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Lead, Total	23		mg/kg	4.6	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Magnesium, Total	650		mg/kg	9.2	0.92	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Manganese, Total	67		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Mercury, Total	0.29		mg/kg	0.07	0.02	1	07/15/15 03:28	07/15/15 12:44	EPA 7471B	1,7471B	DB
Nickel, Total	2.7		mg/kg	2.3	0.37	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Potassium, Total	760		mg/kg	230	37.	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Selenium, Total	0.78	J	mg/kg	1.8	0.27	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Sodium, Total	28	J	mg/kg	180	27.	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Vanadium, Total	53		mg/kg	0.92	0.09	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH
Zinc, Total	37		mg/kg	4.6	0.64	2	07/11/15 15:16	07/15/15 14:22	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-47
 Client ID: DP-043-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/09/15 14:35
 Date Received: 07/09/15
 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	9.4	1.9	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Arsenic, Total	6.4		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Barium, Total	280		mg/kg	0.94	0.28	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Beryllium, Total	0.46	J	mg/kg	0.47	0.09	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Calcium, Total	31000		mg/kg	9.4	2.8	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Cobalt, Total	5.6		mg/kg	1.9	0.47	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Copper, Total	37		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.7	1.9	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Lead, Total	300		mg/kg	4.7	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Magnesium, Total	1400		mg/kg	9.4	0.94	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Manganese, Total	220		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Mercury, Total	0.48		mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 12:45	EPA 7471B	1,7471B	DB
Nickel, Total	9.4		mg/kg	2.4	0.38	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Potassium, Total	710		mg/kg	240	38.	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Selenium, Total	0.48	J	mg/kg	1.9	0.28	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Sodium, Total	190		mg/kg	190	28.	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Vanadium, Total	23		mg/kg	0.94	0.09	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH
Zinc, Total	130		mg/kg	4.7	0.66	2	07/11/15 15:16	07/15/15 14:26	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 03-14 Batch: WG801809-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.12	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.80	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Potassium, Total	ND	mg/kg	100	16.	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Sodium, Total	ND	mg/kg	80	12.	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/11/15 06:30	07/12/15 02:28	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/11/15 06:30	07/12/15 02:28	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): 15-16 Batch: WG801839-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Barium, Total	ND	mg/kg	0.40	0.12	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Copper, Total	ND	mg/kg	0.40	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Iron, Total	ND	mg/kg	2.0	0.80	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Potassium, Total	ND	mg/kg	100	16.	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Silver, Total	ND	mg/kg	0.40	0.08	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Sodium, Total	ND	mg/kg	80	12.	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/11/15 12:00	07/14/15 16:39	1,6010C	MC

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): 17-36 Batch: WG801841-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Barium, Total	ND		mg/kg	0.40	0.12	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Copper, Total	ND		mg/kg	0.40	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Iron, Total	1.8	J	mg/kg	2.0	0.80	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

Lead, Total	ND		mg/kg	2.0	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Manganese, Total	0.22	J	mg/kg	0.40	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Potassium, Total	ND		mg/kg	100	16.	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Silver, Total	ND		mg/kg	0.40	0.08	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Sodium, Total	ND		mg/kg	80	12.	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/11/15 14:19	07/14/15 20:30	1,6010C	MC

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): 37-47 Batch: WG801856-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Copper, Total	0.12	J	mg/kg	0.40	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Iron, Total	ND		mg/kg	2.0	0.80	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

Sodium, Total	ND	mg/kg	80	12.	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/11/15 15:16	07/15/15 13:36	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/11/15 15:16	07/15/15 13:36	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): 02 Batch: WG802007-1										
Aluminum, Total	ND		ug/l	100	20.	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Antimony, Total	ND		ug/l	50.0	8.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Arsenic, Total	2.40	J	ug/l	5.00	2.00	1	07/13/15 13:47	07/15/15 13:41	1,6010C	TT
Barium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 11:14	1,6010C	MC
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/13/15 13:47	07/15/15 11:14	1,6010C	MC
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Calcium, Total	ND		ug/l	100	30.	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Chromium, Total	ND		ug/l	10	2.0	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Copper, Total	ND		ug/l	10.0	2.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Iron, Total	ND		ug/l	50	20.	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Lead, Total	ND		ug/l	10.0	2.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Magnesium, Total	ND		ug/l	100	10.	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Manganese, Total	ND		ug/l	10.0	2.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Nickel, Total	ND		ug/l	25.0	4.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Potassium, Total	ND		ug/l	2500	400	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Selenium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Silver, Total	ND		ug/l	7.00	2.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Sodium, Total	ND		ug/l	2000	300	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Thallium, Total	ND		ug/l	20.0	4.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC
Zinc, Total	ND		ug/l	50.0	7.00	1	07/13/15 13:47	07/14/15 23:34	1,6010C	MC

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

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): 02 Batch: WG802097-1									
Mercury, Total	ND	ug/l	0.2000	0.0660	1	07/13/15 15:58	07/13/15 19:11	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): 03-16 Batch: WG802297-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 13:33	1,7471B	DB

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): 17-36 Batch: WG802299-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/14/15 07:52	07/14/15 15:25	1,7471B	DB

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): 37-47 Batch: WG802305-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/15/15 03:28	07/15/15 11:54	1,7471B	DB

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

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: L1515823
Report Date: 07/20/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 03-14 Batch: WG801809-2 SRM Lot Number: D088-540								
Aluminum, Total	82		-		48-151	-		
Antimony, Total	150		-		1-208	-		
Arsenic, Total	96		-		79-121	-		
Barium, Total	94		-		83-117	-		
Beryllium, Total	99		-		83-117	-		
Cadmium, Total	94		-		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	90		-		81-117	-		
Magnesium, Total	81		-		76-124	-		
Manganese, Total	96		-		81-118	-		
Nickel, Total	96		-		83-117	-		
Potassium, Total	96		-		71-129	-		
Selenium, Total	108		-		78-122	-		
Silver, Total	103		-		75-124	-		
Sodium, Total	99		-		72-127	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	94		-		78-122	-		



Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-14 Batch: WG801809-2 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: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-16 Batch: WG801839-2 SRM Lot Number: D088-540					
Aluminum, Total	87	-	48-151	-	
Antimony, Total	159	-	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	102	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	98	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	98	-	81-118	-	
Nickel, Total	100	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	108	-	78-122	-	
Silver, Total	103	-	75-124	-	
Sodium, Total	94	-	72-127	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-16 Batch: WG801839-2 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: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 17-36 Batch: WG801841-2 SRM Lot Number: D088-540					
Aluminum, Total	86	-	48-151	-	
Antimony, Total	168	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	102	-	83-117	-	
Cadmium, Total	94	-	83-117	-	
Calcium, Total	90	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	110	-	45-155	-	
Lead, Total	96	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	96	-	81-118	-	
Nickel, Total	98	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	100	-	75-124	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 17-36 Batch: WG801841-2 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: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 37-47 Batch: WG801856-2 SRM Lot Number: D088-540					
Aluminum, Total	88	-	48-151	-	
Antimony, Total	150	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	92	-	83-117	-	
Cadmium, Total	84	-	83-117	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	85	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	90	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	83	-	81-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	91	-	81-118	-	
Nickel, Total	92	-	83-117	-	
Potassium, Total	100	-	71-129	-	
Selenium, Total	91	-	78-122	-	
Silver, Total	91	-	75-124	-	
Sodium, Total	101	-	72-127	-	
Thallium, Total	85	-	80-120	-	
Vanadium, Total	90	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 37-47 Batch: WG801856-2 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: L1515823
Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG802007-2					
Aluminum, Total	110	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	117	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	111	-	80-120	-	
Cadmium, Total	116	-	80-120	-	
Calcium, Total	110	-	80-120	-	
Chromium, Total	110	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	107	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	113	-	80-120	-	
Nickel, Total	113	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	112	-	80-120	-	
Vanadium, Total	113	-	80-120	-	



Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG802007-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG802097-2					
Mercury, Total	108	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 03-16 Batch: WG802297-2 SRM Lot Number: D088-540					
Mercury, Total	94	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 17-36 Batch: WG802299-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 37-47 Batch: WG802305-2 SRM Lot Number: D088-540					
Mercury, Total	118	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 03-14 QC Batch ID: WG801809-4 QC Sample: L1515882-06 Client ID: MS Sample												
Aluminum, Total	6400	185	11000	2490	Q	-	-		75-125	-		20
Antimony, Total	ND	46.2	43	93		-	-		75-125	-		20
Arsenic, Total	5.6	11.1	18	112		-	-		75-125	-		20
Barium, Total	25.	185	230	111		-	-		75-125	-		20
Beryllium, Total	0.39J	4.62	5.4	117		-	-		75-125	-		20
Cadmium, Total	ND	4.71	4.1	87		-	-		75-125	-		20
Calcium, Total	1100	924	1700	65	Q	-	-		75-125	-		20
Chromium, Total	7.0	18.5	30	124		-	-		75-125	-		20
Cobalt, Total	6.4	46.2	50	94		-	-		75-125	-		20
Copper, Total	7.2	23.1	38	133	Q	-	-		75-125	-		20
Iron, Total	11000	92.4	18000	7570	Q	-	-		75-125	-		20
Lead, Total	4.1J	47.1	53	112		-	-		75-125	-		20
Magnesium, Total	1000	924	2200	130	Q	-	-		75-125	-		20
Manganese, Total	410	46.2	560	325	Q	-	-		75-125	-		20
Nickel, Total	5.3	46.2	52	101		-	-		75-125	-		20
Potassium, Total	320	924	1400	117		-	-		75-125	-		20
Selenium, Total	ND	11.1	10	90		-	-		75-125	-		20
Silver, Total	ND	27.7	28	101		-	-		75-125	-		20
Sodium, Total	32.J	924	990	107		-	-		75-125	-		20
Thallium, Total	ND	11.1	9.9	89		-	-		75-125	-		20
Vanadium, Total	12.	46.2	66	117		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 03-14 QC Batch ID: WG801809-4 QC Sample: L1515882-06 Client ID: MS Sample									
Zinc, Total	18.	46.2	73	119	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 15-16 QC Batch ID: WG801839-4 QC Sample: L1515627-01 Client ID: MS Sample									
Aluminum, Total	16000	179	17000	558	Q	-	75-125	-	20
Antimony, Total	ND	44.8	34	76		-	75-125	-	20
Arsenic, Total	2.4	10.8	13	98		-	75-125	-	20
Barium, Total	18.	179	190	96		-	75-125	-	20
Beryllium, Total	0.94	4.48	5.3	97		-	75-125	-	20
Cadmium, Total	ND	4.57	4.6	101		-	75-125	-	20
Calcium, Total	770	896	1500	81		-	75-125	-	20
Chromium, Total	9.5	17.9	28	103		-	75-125	-	20
Cobalt, Total	2.5	44.8	45	95		-	75-125	-	20
Copper, Total	18.	22.4	41	103		-	75-125	-	20
Iron, Total	13000	89.6	14000	1120	Q	-	75-125	-	20
Lead, Total	1.4J	45.7	45	98		-	75-125	-	20
Magnesium, Total	1100	896	2000	100		-	75-125	-	20
Manganese, Total	53.	44.8	110	127	Q	-	75-125	-	20
Nickel, Total	7.5	44.8	50	95		-	75-125	-	20
Potassium, Total	340	896	1300	107		-	75-125	-	20
Selenium, Total	ND	10.8	10	93		-	75-125	-	20
Silver, Total	ND	26.9	26	97		-	75-125	-	20
Sodium, Total	81.J	896	910	102		-	75-125	-	20
Thallium, Total	ND	10.8	9.8	91		-	75-125	-	20
Vanadium, Total	18.	44.8	63	100		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 15-16 QC Batch ID: WG801839-4 QC Sample: L1515627-01 Client ID: MS Sample									
Zinc, Total	13.	44.8	59	103	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 17-36 QC Batch ID: WG801841-4 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01									
Aluminum, Total	9100	181	14000	2700	Q	-	75-125	-	20
Antimony, Total	ND	45.4	40	88		-	75-125	-	20
Arsenic, Total	4.3	10.9	16	107		-	75-125	-	20
Barium, Total	35.	181	240	113		-	75-125	-	20
Beryllium, Total	0.49	4.54	5.2	104		-	75-125	-	20
Cadmium, Total	ND	4.63	4.9	106		-	75-125	-	20
Calcium, Total	6700	907	1400	0	Q	-	75-125	-	20
Chromium, Total	21.	18.1	36	83		-	75-125	-	20
Cobalt, Total	7.1	45.4	52	99		-	75-125	-	20
Copper, Total	10.	22.7	37	119		-	75-125	-	20
Iron, Total	20000	90.7	27000	7710	Q	-	75-125	-	20
Lead, Total	13.	46.3	59	99		-	75-125	-	20
Magnesium, Total	1000	907	2800	198	Q	-	75-125	-	20
Manganese, Total	120	45.4	200	176	Q	-	75-125	-	20
Nickel, Total	10.	45.4	63	117		-	75-125	-	20
Potassium, Total	360	907	1300	104		-	75-125	-	20
Selenium, Total	ND	10.9	10	92		-	75-125	-	20
Silver, Total	ND	27.2	28	103		-	75-125	-	20
Sodium, Total	2600	907	4600	220	Q	-	75-125	-	20
Thallium, Total	ND	10.9	11	101		-	75-125	-	20
Vanadium, Total	24.	45.4	77	117		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 17-36 QC Batch ID: WG801841-4 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01									
Zinc, Total	29.	45.4	81	115	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 37-47 QC Batch ID: WG801856-4 QC Sample: L1515721-01 Client ID: MS Sample									
Aluminum, Total	6900	201	8600	847	Q	-	75-125	-	20
Antimony, Total	ND	50.2	37	74	Q	-	75-125	-	20
Arsenic, Total	26.	12	32	50	Q	-	75-125	-	20
Barium, Total	37.	201	220	91		-	75-125	-	20
Beryllium, Total	0.77	5.02	5.1	86		-	75-125	-	20
Cadmium, Total	ND	5.12	ND	0	Q	-	75-125	-	20
Calcium, Total	1700	1000	3500	179	Q	-	75-125	-	20
Chromium, Total	22.	20.1	38	80		-	75-125	-	20
Cobalt, Total	9.8	50.2	48	76		-	75-125	-	20
Copper, Total	10.	25.1	32	88		-	75-125	-	20
Iron, Total	64000	100	82000	17900	Q	-	75-125	-	20
Lead, Total	ND	51.2	13.J	0	Q	-	75-125	-	20
Magnesium, Total	2900	1000	4300	140	Q	-	75-125	-	20
Manganese, Total	750	50.2	1000	498	Q	-	75-125	-	20
Nickel, Total	18.	50.2	53	70	Q	-	75-125	-	20
Potassium, Total	1700	1000	2900	120		-	75-125	-	20
Selenium, Total	ND	12	10	83		-	75-125	-	20
Silver, Total	ND	30.1	26	86		-	75-125	-	20
Sodium, Total	86.J	1000	1100	110		-	75-125	-	20
Thallium, Total	ND	12	5.8	48	Q	-	75-125	-	20
Vanadium, Total	85.	50.2	120	70	Q	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 37-47 QC Batch ID: WG801856-4 QC Sample: L1515721-01 Client ID: MS Sample									
Zinc, Total	51.	50.2	94	86	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 02 QC Batch ID: WG802007-4 QC Sample: L1515969-03 Client ID: MS Sample									
Aluminum, Total	ND	2000	2500	125	-	-	75-125	-	20
Antimony, Total	ND	500	482	96	-	-	75-125	-	20
Arsenic, Total	3.40J	120	154	128	Q	-	75-125	-	20
Barium, Total	ND	2000	2300	115	-	-	75-125	-	20
Beryllium, Total	ND	50	58.0	116	-	-	75-125	-	20
Cadmium, Total	ND	51	65.3	128	Q	-	75-125	-	20
Calcium, Total	140	10000	12000	119	-	-	75-125	-	20
Chromium, Total	ND	200	230	115	-	-	75-125	-	20
Cobalt, Total	ND	500	575	115	-	-	75-125	-	20
Copper, Total	4.00J	250	297	119	-	-	75-125	-	20
Iron, Total	23.J	1000	1200	120	-	-	75-125	-	20
Lead, Total	ND	510	630	124	-	-	75-125	-	20
Magnesium, Total	24.J	10000	12000	120	-	-	75-125	-	20
Manganese, Total	2.90J	500	574	115	-	-	75-125	-	20
Nickel, Total	ND	500	578	116	-	-	75-125	-	20
Potassium, Total	ND	10000	12000	120	-	-	75-125	-	20
Selenium, Total	ND	120	156	130	Q	-	75-125	-	20
Silver, Total	ND	50	60.0	120	-	-	75-125	-	20
Sodium, Total	310J	10000	12000	120	-	-	75-125	-	20
Thallium, Total	ND	120	144	120	-	-	75-125	-	20
Vanadium, Total	ND	500	599	120	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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): 02 QC Batch ID: WG802007-4 QC Sample: L1515969-03 Client ID: MS Sample									
Zinc, Total	ND	500	579	116	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG802097-3 WG802097-4 QC Sample: L1515916-03 Client ID: MS Sample									
Mercury, Total	0.2383	5	5.405	103	5.211	99	80-120	4	20
Total Metals - Westborough Lab Associated sample(s): 03-16 QC Batch ID: WG802297-4 QC Sample: L1515600-23 Client ID: MS Sample									
Mercury, Total	0.12	0.207	0.34	106	-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 17-36 QC Batch ID: WG802299-4 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01									
Mercury, Total	0.05J	0.153	0.21	137	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 37-47 QC Batch ID: WG802305-4 QC Sample: L1515635-01 Client ID: MS Sample									
Mercury, Total	0.08	0.136	0.30	165	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-14 QC Batch ID: WG801809-3 QC Sample: L1515882-06 Client ID: DUP Sample						
Aluminum, Total	6400	7800	mg/kg	20		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	5.6	7.0	mg/kg	22	Q	20
Barium, Total	25.	32	mg/kg	25	Q	20
Beryllium, Total	0.39J	0.40J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	1100	790	mg/kg	33	Q	20
Chromium, Total	7.0	9.2	mg/kg	27	Q	20
Cobalt, Total	6.4	6.0	mg/kg	6		20
Copper, Total	7.2	8.0	mg/kg	11		20
Iron, Total	11000	14000	mg/kg	24	Q	20
Lead, Total	4.1J	8.6	mg/kg	NC		20
Magnesium, Total	1000	1200	mg/kg	18		20
Manganese, Total	410	500	mg/kg	20		20
Nickel, Total	5.3	6.6	mg/kg	22	Q	20
Potassium, Total	320	350	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	32.J	30J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-14 QC Batch ID: WG801809-3 QC Sample: L1515882-06 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	12.	15	mg/kg	22	Q 20
Zinc, Total	18.	23	mg/kg	24	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG801839-3 QC Sample: L1515627-01 Client ID: DUP Sample					
Aluminum, Total	16000	18000	mg/kg	12	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.4	2.8	mg/kg	15	20
Barium, Total	18.	20	mg/kg	11	20
Beryllium, Total	0.94	1.0	mg/kg	6	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	770	680	mg/kg	12	20
Chromium, Total	9.5	12	mg/kg	23	Q 20
Cobalt, Total	2.5	3.4	mg/kg	31	Q 20
Copper, Total	18.	23	mg/kg	24	Q 20
Iron, Total	13000	16000	mg/kg	21	Q 20
Lead, Total	1.4J	1.6J	mg/kg	NC	20
Magnesium, Total	1100	1200	mg/kg	9	20
Manganese, Total	53.	80	mg/kg	41	Q 20
Nickel, Total	7.5	9.3	mg/kg	21	Q 20
Potassium, Total	340	300	mg/kg	13	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	81.J	81J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG801839-3 QC Sample: L1515627-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	18.	23	mg/kg	24 Q	20
Zinc, Total	13.	15	mg/kg	14	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 17-36 QC Batch ID: WG801841-3 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01					
Aluminum, Total	9100	11000	mg/kg	19	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	4.3	5.1	mg/kg	17	20
Barium, Total	35.	57	mg/kg	48	Q 20
Beryllium, Total	0.49	0.45	mg/kg	9	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	6700	800	mg/kg	157	Q 20
Chromium, Total	21.	19	mg/kg	10	20
Cobalt, Total	7.1	6.7	mg/kg	6	20
Copper, Total	10.	16	mg/kg	46	Q 20
Iron, Total	20000	24000	mg/kg	18	20
Lead, Total	13.	38	mg/kg	98	Q 20
Magnesium, Total	1000	2100	mg/kg	71	Q 20
Manganese, Total	120	160	mg/kg	29	Q 20
Nickel, Total	10.	19	mg/kg	62	Q 20
Potassium, Total	360	440	mg/kg	20	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	2600	3200	mg/kg	21	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 17-36 QC Batch ID: WG801841-3 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	24.	25	mg/kg	4	20
Zinc, Total	29.	40	mg/kg	32	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 37-47 QC Batch ID: WG801856-3 QC Sample: L1515721-01 Client ID: DUP Sample					
Aluminum, Total	6900	7200	mg/kg	4	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	26.	31	mg/kg	18	20
Barium, Total	37.	39	mg/kg	5	20
Beryllium, Total	0.77	0.83	mg/kg	7	20
Calcium, Total	1700	2600	mg/kg	42	Q 20
Chromium, Total	22.	21	mg/kg	5	20
Cobalt, Total	9.8	9.3	mg/kg	5	20
Copper, Total	10.	9.5	mg/kg	5	20
Iron, Total	64000	77000	mg/kg	18	20
Magnesium, Total	2900	3600	mg/kg	22	Q 20
Manganese, Total	750	900	mg/kg	18	20
Nickel, Total	18.	16	mg/kg	12	20
Potassium, Total	1700	1700	mg/kg	0	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	0.23J	mg/kg	NC	20
Sodium, Total	86.J	95J	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	85.	79	mg/kg	7	20

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 37-47 QC Batch ID: WG801856-3 QC Sample: L1515721-01 Client ID: DUP Sample					
Zinc, Total	51.	60	mg/kg	16	20
Total Metals - Westborough Lab Associated sample(s): 37-47 QC Batch ID: WG801856-3 QC Sample: L1515721-01 Client ID: DUP Sample					
Cadmium, Total	ND	ND	mg/kg	NC	20
Lead, Total	ND	ND	mg/kg	NC	20



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG802007-3 QC Sample: L1515969-03 Client ID: DUP Sample					
Aluminum, Total	ND	ND	ug/l	NC	20
Antimony, Total	ND	ND	ug/l	NC	20
Arsenic, Total	3.40J	2.80J	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	140	150	ug/l	7	20
Chromium, Total	ND	ND	ug/l	NC	20
Cobalt, Total	ND	ND	ug/l	NC	20
Copper, Total	4.00J	3.70J	ug/l	NC	20
Iron, Total	23.J	25.J	ug/l	NC	20
Lead, Total	ND	ND	ug/l	NC	20
Magnesium, Total	24.J	19.J	ug/l	NC	20
Manganese, Total	2.90J	2.40J	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	310J	320J	ug/l	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG802007-3 QC Sample: L1515969-03 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): 03-16 QC Batch ID: WG802297-3 QC Sample: L1515600-23 Client ID: DUP Sample					
Mercury, Total	0.12	0.11	mg/kg	9	20
Total Metals - Westborough Lab Associated sample(s): 17-36 QC Batch ID: WG802299-3 QC Sample: L1515823-17 Client ID: DP-037-SO-010-01					
Mercury, Total	0.05J	0.04J	mg/kg	NC	20
Total Metals - Westborough Lab Associated sample(s): 37-47 QC Batch ID: WG802305-3 QC Sample: L1515635-01 Client ID: DUP Sample					
Mercury, Total	0.08	0.08	mg/kg	6	20



INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-03
 Client ID: DP-033-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-04
 Client ID: DP-033-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 07:55
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-05
 Client ID: DP-033-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:00
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-06
 Client ID: DP-033-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:05
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.7		%	0.100	NA	1	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-07
 Client ID: DP-034-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:17
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-08
 Client ID: DP-034-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:20
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-09
 Client ID: DP-034-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:25
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-10
 Client ID: DP-035-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:45
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-11
Client ID: DP-035-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/09/15 08:46
Date Received: 07/09/15
Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-12
 Client ID: DP-035-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-13
 Client ID: DP-035-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 08:55
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-14
Client ID: DP-036-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/09/15 09:05
Date Received: 07/09/15
Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-15
 Client ID: DP-036-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 09:07
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-16
 Client ID: DP-036-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 09:15
 Date Received: 07/09/15
 Field 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	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-17
 Client ID: DP-037-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 09:38
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	07/10/15 11:34	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-18
 Client ID: DP-037-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-19
 Client ID: DP-037-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 09:45
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-20
 Client ID: DP-038-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 09:55
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-21
 Client ID: DP-038-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 10:00
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-22
 Client ID: DP-038-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 10:05
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-23
 Client ID: DP-039-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:10
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-24
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-25
 Client ID: DP-039-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:15
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-26
 Client ID: DP-039-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:18
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-27
 Client ID: DP-040-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:22
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-28
 Client ID: DP-040-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:25
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-29
 Client ID: DP-040-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.2		%	0.100	NA	1	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-30
 Client ID: DP-040-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:28
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.9		%	0.100	NA	1	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-31
 Client ID: DP-043-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:40
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-32
 Client ID: DP-044-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:43
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:18	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-33
 Client ID: DP-044-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:45
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.7		%	0.100	NA	1	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-34
 Client ID: DP-044-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:50
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.1		%	0.100	NA	1	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-35
 Client ID: DP-045-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:55
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-36
 Client ID: DP-045-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.4		%	0.100	NA	1	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-37
 Client ID: DP-045-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 15:05
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-38
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:30
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-39
 Client ID: DP-046-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:37
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-40
 Client ID: DP-041-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:43
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-41
 Client ID: DP-041-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:45
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.1		%	0.100	NA	1	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-42
 Client ID: DP-041-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 13:48
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-43
 Client ID: DP-042-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:05
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-44
 Client ID: DP-042-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:10
 Date Received: 07/09/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.5		%	0.100	NA	1	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-45
 Client ID: DP-042-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:15
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-46
 Client ID: DP-043-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:30
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515823-47
 Client ID: DP-043-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/09/15 14:35
 Date Received: 07/09/15
 Field 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	-	07/10/15 12:59	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-17 QC Batch ID: WG801591-1 QC Sample: L1515785-01 Client ID: DUP Sample						
Solids, Total	88.2	90.7	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 18-32 QC Batch ID: WG801617-1 QC Sample: L1515415-01 Client ID: DUP Sample						
Solids, Total	99.0	99.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 33-47 QC Batch ID: WG801630-1 QC Sample: L1515708-01 Client ID: DUP Sample						
Solids, Total	84.2	83.6	%	1		20

Project Name: BUZZARD POINT

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

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(*)
L1515823-01A	Vial HCl preserved	A	N/A	4.3	Y	Absent	PA-8260(14)
L1515823-01B	Vial HCl preserved	A	N/A	4.3	Y	Absent	PA-8260(14)
L1515823-02A	Vial HCl preserved	A	N/A	4.3	Y	Absent	PA-8260(14)
L1515823-02B	Vial HCl preserved	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-02C	Vial HCl preserved	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-02D	Plastic 250ml HNO3 preserved	B	<2	4.0	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)
L1515823-02E	Amber 1000ml unpreserved	B	7	4.0	Y	Absent	PA-TPH-DROD-C44(7)
L1515823-02F	Amber 1000ml unpreserved	B	7	4.0	Y	Absent	PA-8082(7)
L1515823-02G	Amber 1000ml unpreserved	B	7	4.0	Y	Absent	PA-8270(7)
L1515823-03A	Glass 250ml/8oz unpreserved	A	N/A	4.3	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),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-03B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-03X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-04A	Glass 250ml/8oz unpreserved	A	N/A	4.3	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)
L1515823-04X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-05A	Glass 250ml/8oz unpreserved	A	N/A	4.3	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),PA-8270(14)
L1515823-05B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-05X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-06A	Glass 250ml/8oz unpreserved	A	N/A	4.3	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),PA-8270(14)
L1515823-06B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-06X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-07A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-07B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-07X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-08A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-08B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-08X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-09A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-09B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-09X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-10A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-10B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-10X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-11A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-11B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-11X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-12A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-12B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-12X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-13A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-13B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-13X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-14A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-14B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-14X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-15A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-15B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-15X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-16A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-16B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-16X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515823-17A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-17B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-17X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-18A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PA-8082(14),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)
L1515823-18B	Vial Large Septa unpreserved (4o	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-18X	Vial MeOH preserved split	A	N/A	4.3	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-19A	Glass 250ml/8oz unpreserved	C	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),PA-8082(14),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)
L1515823-19B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-19X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-20A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-20B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-20X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-21A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-21B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-21X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-22A	Glass 250ml/8oz unpreserved	B	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),PA-8082(14),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)
L1515823-22B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515823-22X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-23A	Glass 250ml/8oz unpreserved	A	N/A	4.3	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),PA-8270(14)
L1515823-23B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-23X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-24A	Glass 250ml/8oz unpreserved	C	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)
L1515823-24B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-24X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-25A	Glass 250ml/8oz unpreserved	C	N/A	3.7	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)
L1515823-25X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-26A	Glass 250ml/8oz unpreserved	C	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)
L1515823-26B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-26X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-27A	Glass 250ml/8oz unpreserved	C	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)
L1515823-27B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-27X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-28A	Glass 250ml/8oz unpreserved	C	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)
L1515823-28B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-28X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-29A	Glass 250ml/8oz unpreserved	C	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)
L1515823-29B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-29X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-30A	Glass 250ml/8oz unpreserved	C	N/A	3.7	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)
L1515823-30X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-31A	Glass 250ml/8oz unpreserved	C	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)
L1515823-31B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-31X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-32A	Glass 250ml/8oz unpreserved	C	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)
L1515823-32B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-32X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-33A	Glass 250ml/8oz unpreserved	B	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),PA-8270(14)
L1515823-33B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-33X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-34A	Glass 250ml/8oz unpreserved	B	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),PA-8270(14)
L1515823-34B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-34X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-35A	Glass 250ml/8oz unpreserved	B	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),PA-8270(14)
L1515823-35B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-35X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-36A	Glass 250ml/8oz unpreserved	C	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)
L1515823-36B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-36X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-37A	Glass 250ml/8oz unpreserved	C	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)
L1515823-37B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-37X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-38A	Glass 250ml/8oz unpreserved	B	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),PA-8270(14)
L1515823-38B	Vial Large Septa unpreserved (4o	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-38X	Vial MeOH preserved split	B	N/A	4.0	Y	Absent	PA-TPH-GRO(14)
L1515823-39A	Glass 250ml/8oz unpreserved	C	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)
L1515823-39B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-39X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-40A	Glass 250ml/8oz unpreserved	C	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)
L1515823-40B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-40X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-41A	Glass 250ml/8oz unpreserved	C	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)
L1515823-41B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-41X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-42A	Glass 250ml/8oz unpreserved	C	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)
L1515823-42B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-42X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-43A	Glass 250ml/8oz unpreserved	C	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)
L1515823-43B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-43X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-44A	Glass 250ml/8oz unpreserved	C	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)
L1515823-44B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-44X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-45A	Glass 250ml/8oz unpreserved	C	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)
L1515823-45B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-45X	Vial MeOH preserved split	C	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: L1515823

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515823-46A	Glass 250ml/8oz unpreserved	C	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)
L1515823-46B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-46X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515823-47A	Glass 250ml/8oz unpreserved	C	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)
L1515823-47B	Vial Large Septa unpreserved (4o	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515823-47X	Vial MeOH preserved split	C	N/A	3.7	Y	Absent	PA-TPH-GRO(14)

Container Comments

L1515823-03X

L1515823-04X

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515823
Report Date: 07/20/15

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: L1515823
Report Date: 07/20/15

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: L1515823
Report Date: 07/20/15

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 _____



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: 7/9/15

ALPHA Job #: L1575823

Project Information

Project Name:
Project Location:
Project #: 40223-002

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

Project Manager:
ALPHA Quote #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 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	TAL Metals (6010)	SAMPLE HANDLING	Filtration _____	TOTAL # BOTTLES
	TPH (6-44) (8015)		<input type="checkbox"/> Done	
	PAH (8270C)		<input type="checkbox"/> Not needed	
	VOC (8260B)		<input type="checkbox"/> Lab to do	
	PCB (8082)		<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			TAL Metals (6010)	TPH (6-44) (8015)	PAH (8270C)	VOC (8260B)	PCB (8082)		
15823 -11	DP-035-50-050-01	7/9/15	0846	SO	T.N.	X	X	X	X	X	run voc	2
-12	DP-035-50-100-01	↓	0855	↓	↓	X	X	X	X	X	run voc	2
-13	DP-035-50-100-02		0855			X	X	X	X	X	run voc	2
-14	DP-036-50-010-01		0905			X	X	X	X	X	↓	2
-15	DP-036-50-050-01		0907			X	X	X	X	X		2
-16	DP-036-50-100-01		0915			X	X	X	X	X		2
-17	DP-037-50-010-01		0938			X	X	X	X	X		2
-18	DP-037-50-050-01		0940			X	X	X	X	X		2
-19	DP-037-50-100-01		0945			X	X	X	X	X		2
-20	DP-038-50-010-01		0955			X	X	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

chptly
J West
7/9/15

7/9/15 15:05
7/9/15 17:45
7/9/15 21:30

AAC
J West
Tom Tabor

7/9/15 15:05
7/9/15 17:45
7/9/15 21:30

CHAIN OF CUSTODY

PAGE 3 OF _____



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: 7/9/15

ALPHA Job #: L1515823

Project Information

Project Name:
Project Location:
Project #: 40223-002

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

Project Manager:
ALPHA Quote #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Fax:
Email: kennard@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 14oz jar for VOC

ANALYSIS	TAR Metals (601d)	TOTAL # BOTTLES
	TPH (8-244) (8015)	
PAH (8270C)	SAMPLE HANDLING	
VOC (8260B)		
PCB (8082)	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			TAR Metals (601d)	TPH (8-244) (8015)	PAH (8270C)	VOC (8260B)	PCB (8082)		
15823-21	DP-038-50-050-01	7/9/15	1000	SO	T.N.	X	X	X	X	X	run VOC	2
-22	DP-038-50-100-01		1005			X	X	X	X	X	run VOC	2
-23	DP-039-50-010-01		1310			X	X	X				2
-24	DP-039-50-050-01		1315			X	X	X				2
-25	DP-039-50-050-02		1315			X	X	X				1
-26	DP-039-50-100-01		1318			X	X	X				2
-27	DP-040-50-010-01		1322			X	X	X				2
-28	DP-040-50-050-01		1325			X	X	X				2
-29	DP-040-50-100-01		1328			X	X	X				2
-30	DP-040-50-100-02		1328			X	X	X				1

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>7/9/15 15:05</u>	<u>[Signature]</u>	<u>7/9/15 15:05</u>
<u>[Signature]</u>	<u>7/9/15</u>	<u>[Signature]</u>	<u>7/9/15</u>
<u>[Signature]</u>	<u>7/9/15 2:30</u>	<u>[Signature]</u>	<u>7/9/15 2:30</u>
<u>[Signature]</u>	<u>7/9/15 0120</u>	<u>[Signature]</u>	<u>7/9/15 0120</u>

CHAIN OF CUSTODY

PAGE 5 OF _____



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: 7/9/15

ALPHA Job #: L1575823

Project Information

Project Name:

Project Location:

Project #: 40223-02-

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: 5233 Mission Center Rd

San Diego CA 92108

Phone: 619-285-7122

Fax: _____

Email: dkenard@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 C6-C14 (8016)
 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			1	2	3	4	5	6			
15823 -31	DP-043-50-100-01	7/9/15	1440	SO	T.N.	X	X	X						2
-32	DP-044-50-010-01		1443			X	X	X						2
-33	DP-044-80-050-01		1445			X	X	X						2
-34	DP-044-50-100-01		1456			X	X	X						2
-35	DP-045-50-010-01		1455			X	X	X						2
-36	DP-045-50-050-01		1500			X	X	X						2
-37	DP-045-50-100-01		1505			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>7/9/15 15:05</u>	<u>[Signature]</u>	<u>7/9/15 15:05</u>
<u>[Signature]</u>	<u>7/9/15 17:45</u>	<u>[Signature]</u>	<u>7/9/15 17:45</u>
<u>[Signature]</u>	<u>7/9/15 21:30</u>	<u>[Signature]</u>	<u>7/9/15 21:30</u>
<u>[Signature]</u>	<u>7/9/15 01:20</u>	<u>[Signature]</u>	<u>7/9/15 01:20</u>



CHAIN OF CUSTODY

PAGE 4 OF

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 #:

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 #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Email: dkernard@haleyaldrich.com Date Due: Time:

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 (66-144) (8016)
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		
		Date	Time			TAL Metals (6010)	TPH (66-144) (8016)	PAH (8270C)
	DP-046-50-010-01	7/9/15	1330	SO	T.N.	X	X	X
	DP-046-50- ¹⁰⁰ 010 -01		1337			X	X	X
	DP-041-50-010-01		1343			X	X	X
	DP-041-50-056-01		1345			X	X	X
	DP-041-50-100-01		1348			X	X	X
	DP-042-50-010-01		1405			X	X	X
	DP-042-50-050-01		1410			X	X	X
	DP-042-50-100-01		1415			X	X	X
	DP-043-50-010-01		1430			X	X	X
	DP-043-50-050-01		1435			X	X	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>[Signature]</u>	7/9/15 1745	<u>[Signature]</u>	7/9/15 1750
<u>[Signature]</u>	7/9/15 2130	<u>[Signature]</u>	7/9/15 2130
<u>[Signature]</u>	7/10/15 0120	<u>[Signature]</u>	7/10/15 0120



CHAIN OF CUSTODY

PAGE 4 OF _____

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 #:

Client Information

Client: Haley Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122

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 #:

Fax:

Email: dkernard@haleyaldrich.com 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:

. hold 1-4oz jar for VOC**Regulatory Requirements/Report Limits**

State /Fed Program Criteria

ANALYSIS
TAL Metals (6010)
TPH (6-44) (8016)
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	TAL Metals (6010)	TPH (6-44) (8016)	PAH (8270C)
		Date	Time						
		7/9/15	1330	SO	T.N.	X	X	X	
	DP-046-50-010-01		1337			X	X	X	
	DP-046-50- ¹⁰⁰ 50 -01		1343			X	X	X	
	DP-041-50-010-01		1345			X	X	X	
	DP-041-50-050-01		1348			X	X	X	
	DP-041-50-100-01		1405			X	X	X	
	DP-042-50-010-01		1410			X	X	X	
	DP-042-50-050-01		1415			X	X	X	
	DP-042-50-100-01		1430			X	X	X	
	DP-043-50-010-01		1435			X	X	X	
	DP-043-50-050-01								

Relinquished By: [Signature] Date/Time: 7/9/15

Container Type: _____ Preservative: _____

Received By: _____ Date/Time: _____

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.