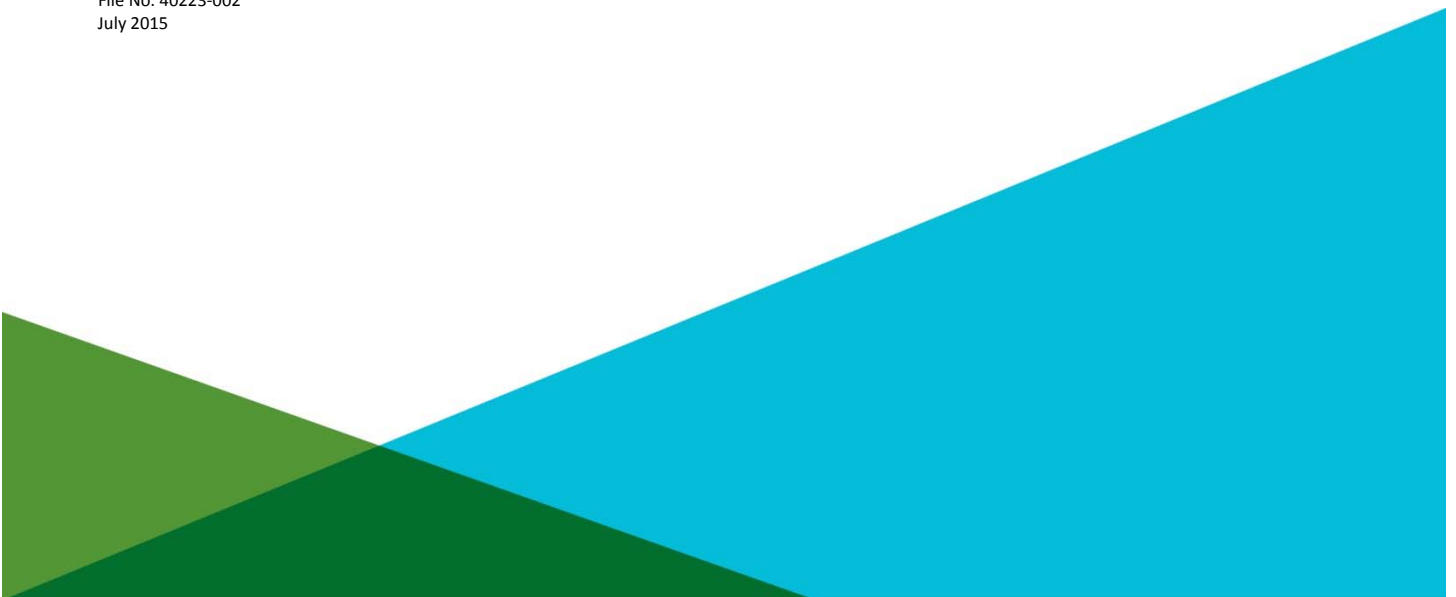


PHASE II SOIL INVESTIGATION REPORT
VOLUNTARY CLEANUP PROGRAM
ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT,
SQUARE 0605, LOT 0007
WASHINGTON, D.C.

by Haley & Aldrich, Inc.
McLean, Virginia

for McKissack & McKissack
Washington, D.C.

File No. 40223-002
July 2015





Haley & Aldrich, Inc.
7926 Jones Branch Dr.
Suite 870
McLean, VA 22102
703.336.6200

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
Rollingwood Real Estate, LLC, Parcel at Buzzard Point, Square 0605, Lot 0007
Washington, D.C.

Ladies and Gentlemen:

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Phase II Soil Investigation Report (Phase II) for the Rollingwood Real Estate, LLC, 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 "Phase I Environmental Site Assessment" prepared by WSP Environment & Energy, LLC, ([WSP]; WSP, 2011b) and 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 the Voluntary Cleanup Program prepared for the District of Columbia Department of General Services.

Background

The Site is occupied by Alta Bicycle Share, Inc., and used to store and maintain bicycles for the Capital Bikeshare Program. The Site is bound by Potomac Avenue, SW to the north, S Street, SW to the south, a property owned by Super Salvage, Inc., to the east, and 2nd Street, SW to the west.

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

PREVIOUS INVESTIGATIONS

In 2011, WSP conducted a Phase I environmental site assessment (ESA) that noted that an historical leaking underground storage tank case had been satisfactorily closed and remediated (WSP, 2011b). WSP also conducted a Phase II ESA in 2011 that sampled soil and groundwater at suspect RECs: two floor drains in the warehouse area of the building and the associated in-ground oil/water separator that may have received chemicals from the warehouse building, and the adjacent Super Salvage (Parcel 4) property (WSP, 2011a). Soil borings were advanced and soil samples collected at multiple depths from the four locations shown in Figure 2 (SB-1 through SB-4). Soil analytical results indicated that arsenic, lead, benzo(a)pyrene, dibenzo(a,h)anthracene, and diesel range total petroleum hydrocarbons (TPH-DRO) concentrations were above the soil screening levels defined below (WSP, 2011a).

In 2014, Haley & Aldrich conducted a Phase I and limited Phase II ESA that identified one known REC (i.e., potential petroleum impacts to soil from off-Site sources; Haley & Aldrich, 2014). Soil and groundwater samples were collected from the two locations shown in Figure 2 (GTW-605-7-1 and GTW-605-7-2). Soil analytical results indicated that benzo(a)pyrene and arsenic concentrations were above the soil screening levels defined below.

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 screening levels noted above. Soil screening levels were selected for the protection of human health and groundwater quality based on the understanding that the Site will be redeveloped into a professional soccer stadium.

Subsurface Investigation

Soil investigation activities were conducted at the Site between 6 and 10 July 2015 to further evaluate the nature and extent of subsurface soil conditions. These activities were based on previously reported chemical concentrations that exceeded the soil screening levels at the following areas of potential concern (AOPCs) shown in Figure 2:

- Historical boring locations SB-1 and location GTW-605-7-2;
- Historical boring location SB-2;
- Historical boring location SB-3;

- Historical boring location SB-4; and
- Historical boring location GTW-605-7-1.

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

Groundwater sampling at temporary well locations GTW-605-7-1 and GTW-605-7-2 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.

WASTE PROFILING AND DISPOSAL

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

RESULTS

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

Historical Boring Locations SB-1 and GTW-605-7-2

The samples collected at approximately 8 feet bgs and 10 feet bgs from historical boring location SB-1 had reported TPH-DRO, arsenic, lead, and benzo(a)pyrene concentrations that exceeded the soil screening levels. The sample collected at approximately 28 feet bgs from historical boring location GTW-605-7-2 within this same area also had reported arsenic and benzo(a)pyrene concentrations that exceeded the soil screening levels.

Based on historical results, 8 borings were advanced and 25 samples collected in this area to provide additional information regarding the extent of total petroleum hydrocarbons (TPH), metals, and polycyclic aromatic hydrocarbons (PAHs) concentrations in soil. Select samples from boring locations DP-026, DP-028, DP-029, and DP-032 were also submitted for polychlorinated biphenyl (PCB) analysis, given the proximity to the sump area identified at the adjacent Super Salvage property. Sample DP-025-SO-100-01 was also analyzed for VOCs based on the highest reported gasoline range TPH result of 6.9 mg/kg.

A review of the analytical results of these samples indicated that 19 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; 13 samples had reported PAH concentrations that exceeded the soil screening levels; and 14 samples had arsenic and/or lead concentrations that exceeded the soil screening levels. Analytical results and chemicals that exceeded the soil screening levels are identified in Tables 1 and 2. Boring and sample locations that exceeded the soil screening levels are shown in Figure 2. Laboratory analytical reports are provided as Appendix B.

Historical Boring Location SB-2

The samples collected at approximately 8 feet bgs and 10 feet bgs from historical boring location SB-2 had reported TPH-DRO, arsenic, benzo(a)pyrene, and dibenz(a,h)anthracene concentrations that exceeded the soil screening levels.

Based on historical results, 10 borings were advanced and 29 samples collected in this area to provide additional information regarding the extent of TPH, metals, and PAH concentrations in soil. Select samples from location DP-003, DP-004, DP-005, DP-009, and DP-011 were also submitted for PCB analysis, given the proximity to the adjacent Super Salvage property and reported PCB detections in sample SB-2(9-11).

A review of the analytical results of these samples indicated that 23 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; 20 samples had reported PAH concentrations that exceeded the soil screening levels; and 21 samples had arsenic and/or lead 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.

Historical Boring Location SB-3

The samples collected at approximately 9 feet bgs and 11 feet bgs from historical boring location SB-3 had reported TPH-DRO, arsenic, benzo(a)pyrene, and dibenz(a,h)anthracene concentrations that exceeded the soil screening levels.

Based on historical results, 9 borings were advanced and 26 samples collected in this area to provide additional information regarding the extent of TPH, metals, and PAH concentrations in soil.

A review of the analytical results of these samples indicated that 13 samples had reported TPH-DRO concentrations that exceeded the soil screening levels; 13 samples had reported PAH concentrations that exceeded the soil screening levels; and 20 samples had arsenic and/or lead 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.

Historical Boring Location SB-4

The sample collected at approximately 8 feet bgs, 23 feet bgs, and 26 feet bgs from historical boring location SB-4 had reported TPH-DRO, arsenic, Aroclor-1254, and benzo(a)pyrene concentrations that exceeded the soil screening levels.

Based on historical results, 8 borings were advanced and 23 samples collected in this area to provide additional information regarding the extent of TPH, metals, PCB, and PAH concentrations in soil. Additionally, boring locations DP-042, DP-043, DP-044, and DP-045 were advanced and duplicate samples were collected after the initial round of samples to evaluate the sample collection process.

A review of the analytical results of these samples indicated that 12 samples had reported TPH-DRO concentrations that exceeded soil screening levels; 15 samples had reported PAH concentrations that exceeded the soil screening levels; and 23 samples had arsenic and or lead concentrations that exceeded the soil screening levels. Analytical results and chemicals exceeding 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.

Historical Boring Location GTW-605-7-1

The sample collected at approximately 29 feet bgs from historical boring location GTW-605-7-1 did not have reported chemical concentrations that exceeded the soil screening levels; however the sample depth interval was not within the proposed redevelopment depth (i.e., the top 10 feet) and consequently irrelevant to this evaluation given the proposed redevelopment. Four borings were

therefore advanced and 12 samples collected in this area to provide additional information regarding the extent of TPH and PAH concentrations in soil.

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

Summary and Recommendations

In summary, soil samples were collected to evaluate and delineate the presence of chemicals at five AOPCs. The following is therefore 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 cost for excavating soil in areas that exceed the soil screening levels identified at the five on-Site AOPCs range from \$280,000 to \$870,000. These costs and their associated assumptions are summarized in Table 3. 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.

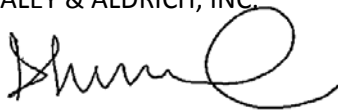
Limitations

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

\\was\Common\Projects\40223 - M&M Potomac Ave SW\002\Deliverables\Rollingwood Phase II\2015_0724_HAI_RollingwoodPhaseII_F.docx

References

1. Haley & Aldrich, Inc., 2014. Report on ASTM Phase I Environmental Site Assessment with Limited Phase II Subsurface Sampling, Ein Property at Square 0605, Lot 0007, 1712 2nd Street, SW Washington, D.C. 23 October.
2. WSP Environment & Energy LLC, 2011a. Phase II Environmental Site Assessment Summary, 1714 2nd Street SW, Washington, District of Columbia. 31 January.
3. WSP Environment & Energy LLC, 2011b. Phase I Environmental Site Assessment, 1417 2nd Street SW, Washington, District of Columbia. 1 February.

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-003 07/06/2015 DP-003-SO-010-01 Primary 1	DP-003 07/06/2015 DP-003-SO-050-01 Primary 5	DP-003 07/06/2015 DP-003-SO-100-01 Primary 10	DP-004 07/06/2015 DP-004-SO-010-01 Primary 1	DP-004 07/06/2015 DP-004-SO-050-01 Primary 5	DP-005 07/06/2015 DP-005-SO-010-01 Primary 1	DP-005 07/06/2015 DP-005-SO-100-01 Primary 10	DP-005 07/06/2015 DP-005-SO-125-01 Primary 12.5	DP-006 07/06/2015 DP-006-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	7,200	5,900	13,000	3,300	8,500	8,300	3,500	14,000	6,100
Antimony, Total	-	470	3.3 J	7.8	< 5.0	< 4.3	1.6 J	1.1 J	25	< 4.9	7.1
Arsenic, Total	-	3	2.3	3.3	1.2	1.1	2.5	3.6	1.7	1.8	7.2
Barium, Total	-	220000	130	82	39	13	150	81	170	53	220
Beryllium, Total	-	2300	0.22 J	0.15 J	0.35 J	< 0.43	0.25 J	0.25 J	0.31 J	0.56	0.42 J
Cadmium, Total	-	980	2.0	0.30 J	< 1.0	< 0.86	< 0.95	0.15 J	< 1.0	< 0.98	< 0.90
Calcium, Total	-	-	12,000	30,000	1,100	1,100	42,000	19,000	72,000	1,400	7,000
Chromium, Total	-	-	34	15	23	9.7	17	17	14	21	16
Cobalt, Total	-	350	7.7	7.2	5.0	1.1 J	5.4	6.3	29	8.3	6.3
Copper, Total	-	47000	62	110	15	12	27	100	120	16	50
Iron, Total	-	820000	22,000	47,000	31,000	11,000	17,000	18,000	43,000	34,000	15,000
Lead, Total	-	800	320	360	13	38	280	160	150	15	480
Magnesium, Total	-	-	4,800	3,000	1,500	340	2,000	3,300	3,500	2,000	1,200
Manganese, Total	-	26000	350	350	130	34	180	220	310	220	380
Mercury, Total	-	40	0.61	1.1	0.10	0.03 J	3.5	0.44	1.7	0.060 J	0.79
Nickel, Total	-	22000	44	10	9.2	2.1 J	8.6	22	16	12	8.7
Potassium, Total	-	-	540	1,100	820	280	740	690	1,200	620	670
Selenium, Total	-	5800	< 1.8	0.51 J	< 2.0	< 1.7	< 1.9	< 1.8	0.34 J	< 2.0	0.45 J
Silver, Total	-	5800	0.23 J	0.38 J	< 1.0	< 0.86	0.30 J	< 0.90	< 1.0	< 0.98	0.50 J
Sodium, Total	-	-	110 J	200	120 J	< 170	140 J	58 J	630	100 J	55 J
Thallium, Total	-	12	< 1.8	< 2.0	< 2.0	< 1.7	< 1.9	< 1.8	< 2.0	< 2.0	< 1.8
Vanadium, Total	-	5800	23	19	41	14	21	25	13	36	21
Zinc, Total	-	350000	340	390	33	18	130	140	200	44	260
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Aroclor-1221 (PCB-1221)	-	0.66	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Aroclor-1232 (PCB-1232)	-	0.66	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Aroclor-1242 (PCB-1242)	-	1	< 0.0354	< 0.0428	-	< 0.037	0.0323 J	< 0.0374	0.0657	-	-
Aroclor-1248 (PCB-1248)	-	1	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Aroclor-1254 (PCB-1254)	-	1	0.0371	< 0.0428	-	< 0.037	0.0230 J	< 0.0374	0.0480	-	-
Aroclor-1260 (PCB-1260)	-	1	0.141	< 0.0428	-	< 0.037	0.0132 J	0.00722 J	0.031 J	-	-
Aroclor-1262 (PCB-1262)	-	-	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Aroclor-1268 (PCB-1268)	-	-	< 0.0354	< 0.0428	-	< 0.037	< 0.0406	< 0.0374	< 0.0429	-	-
Polychlorinated biphenyls (PCBs)	-	1	0.178	< 0.0428	-	< 0.037	0.0685 J	0.00722 J	0.145 J	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-003 07/06/2015 DP-003-SO-010-01 Primary 1	DP-003 07/06/2015 DP-003-SO-050-01 Primary 5	DP-003 07/06/2015 DP-003-SO-100-01 Primary 10	DP-004 07/06/2015 DP-004-SO-010-01 Primary 1	DP-004 07/06/2015 DP-004-SO-050-01 Primary 5	DP-005 07/06/2015 DP-005-SO-010-01 Primary 1	DP-005 07/06/2015 DP-005-SO-100-01 Primary 10	DP-005 07/06/2015 DP-005-SO-125-01 Primary 12.5	DP-006 07/06/2015 DP-006-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.18	< 0.21	< 0.21	< 0.18	< 0.41	< 0.37	< 0.43	< 0.20	< 0.19
2-Methylnaphthalene	-	3000	< 0.22	< 0.25	< 0.25	< 0.22	2.2	< 0.45	0.15 J	< 0.24	< 0.23
Acenaphthene	-	45000	0.043 J	0.14 J	< 0.17	< 0.15	6.8	< 0.30	0.13 J	< 0.16	0.087 J
Acenaphthylene	-	-	< 0.15	< 0.17	0.04 J	< 0.15	0.12 J	< 0.30	0.094 J	< 0.16	0.037 J
Anthracene	-	230000	0.13	0.48	0.13	< 0.11	14	0.098 J	0.37	< 0.12	0.22
Benzo(a)anthracene	-	2.9	0.63	0.84	0.36	0.11	14	0.49	0.68	< 0.12	0.85
Benzo(a)pyrene	-	0.29	0.59	0.68	0.30	0.10 J	12	0.47	0.58	< 0.16	0.78
Benzo(b)fluoranthene	-	2.9	0.76	0.79	0.36	0.12	14	0.59	0.72	< 0.12	0.94
Benzo(g,h,i)perylene	-	-	0.37	0.40	0.17	0.064 J	6.2	0.28 J	0.35	< 0.16	0.49
Benzo(k)fluoranthene	-	29	0.30	0.33	0.15	0.047 J	5.1	0.26	0.23 J	< 0.12	0.38
Chrysene	-	290	0.65	0.76	0.26	0.10 J	13	0.48	0.73	< 0.12	0.80
Dibenz(a,h)anthracene	-	0.29	0.11	0.12 J	0.045 J	< 0.11	1.6	0.091 J	< 0.26	< 0.12	0.14
Fluoranthene	-	30000	1.2	1.7	0.91	0.20	33	0.85	1.6	< 0.12	1.7
Fluorene	-	30000	< 0.18	0.17 J	< 0.21	< 0.18	6.5	< 0.37	0.18 J	< 0.20	0.067 J
Indeno(1,2,3-cd)pyrene	-	2.9	0.43	0.45	0.21	0.074 J	7.5	0.34	0.33 J	< 0.16	0.56
Naphthalene	-	17	< 0.18	< 0.21	< 0.21	< 0.18	4.9	< 0.37	0.25 J	< 0.20	< 0.19
Phenanthrene	-	-	0.45	1.6	0.46	0.085 J	35	0.30	1.4	< 0.12	0.9
Pyrene	-	23000	1.0	1.5	0.76	0.18	28	0.77	1.3	< 0.12	1.5
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 3.2	< 3.0	< 2.6	0.77 J	< 2.5	1.6 J	< 2.9	< 2.7
Diesel Range Organics (C9-C44)	100	-	436	124	114	88.5	3,580	327	5,420	128	1,060

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-006 07/06/2015 DP-006-SO-050-01 Primary 5	DP-006 07/06/2015 DP-006-SO-100-01 Primary 10	DP-007 07/06/2015 DP-007-SO-010-01 Primary 1	DP-007 07/06/2015 DP-007-SO-050-01 Primary 5	DP-007 07/06/2015 DP-007-SO-100-01 Primary 10	DP-008 07/06/2015 DP-008-SO-010-01 Primary 1	DP-008 07/06/2015 DP-008-SO-050-01 Primary 5	DP-008 07/06/2015 DP-008-SO-100-01 Primary 10	DP-009 07/06/2015 DP-009-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	6,600	5,500	2,300	7,600	6,900	5,500	5,000	9,200	6,000
Antimony, Total	-	470	9.0	2.5 J	< 4.3	18	1.7 J	< 4.4	6.5	< 4.6	7.4
Arsenic, Total	-	3	19	2.4	4.6	22	4.2	3.4	9.3	4.1	5.7
Barium, Total	-	220000	210	42	25	790	60	34	250	78	66
Beryllium, Total	-	2300	0.50	0.15 J	0.26 J	0.60	0.38 J	0.19 J	0.55	0.51	0.30 J
Cadmium, Total	-	980	< 0.96	< 0.88	< 0.85	1.5	< 0.96	< 0.88	< 1.0	< 0.93	< 0.92
Calcium, Total	-	-	14,000	4,700	1,000	8,400	3,900	1,300	6,800	6,700	6,600
Chromium, Total	-	-	21	11	15	26	16	29	14	16	12
Cobalt, Total	-	350	6.2	6.6	1.2 J	8.0	5.1	11	6.1	7.6	4.1
Copper, Total	-	47000	120	51	4.3	160	33	17	100	16	22
Iron, Total	-	820000	20,000	13,000	12,000	29,000	16,000	16,000	31,000	18,000	16,000
Lead, Total	-	800	860	50	0.86 J	2,500	110	49	1,300	53	180
Magnesium, Total	-	-	1,500	3,000	370	1,300	770	14,000	1,400	1,300	1,000
Manganese, Total	-	26000	240	130	34	350	89	210	350	370	140
Mercury, Total	-	40	2.7	0.19	0.020 J	4.0	0.80	0.068 J	2.5	0.56	0.32
Nickel, Total	-	22000	11	15	1.5 J	16	8.3	140	15	10	6.2
Potassium, Total	-	-	720	2,400	640	770	660	340	690	970	610
Selenium, Total	-	5800	1.2 J	0.32 J	0.31 J	1.9 J	0.61 J	< 1.8	0.98 J	0.31 J	0.53 J
Silver, Total	-	5800	1.7	< 0.88	< 0.85	1.8	< 0.96	< 0.88	3.2	< 0.93	< 0.92
Sodium, Total	-	-	120 J	130 J	< 170	160 J	79 J	27 J	130 J	82 J	41 J
Thallium, Total	-	12	< 1.9	< 1.8	< 1.7	< 2.3	< 1.9	< 1.8	< 2.1	< 1.8	< 1.8
Vanadium, Total	-	5800	24	25	14	24	20	18	17	24	22
Zinc, Total	-	350000	480	74	15	2,300	210	55	610	45	77
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	< 0.0389
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	< 0.0389
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	< 0.0389

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-006 07/06/2015 DP-006-SO-050-01 Primary 5	DP-006 07/06/2015 DP-006-SO-100-01 Primary 10	DP-007 07/06/2015 DP-007-SO-010-01 Primary 1	DP-007 07/06/2015 DP-007-SO-050-01 Primary 5	DP-007 07/06/2015 DP-007-SO-100-01 Primary 10	DP-008 07/06/2015 DP-008-SO-010-01 Primary 1	DP-008 07/06/2015 DP-008-SO-050-01 Primary 5	DP-008 07/06/2015 DP-008-SO-100-01 Primary 10	DP-009 07/06/2015 DP-009-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.40	< 3.7	< 0.18	< 0.24	< 0.40	< 0.18	< 0.44	< 0.20	< 0.20
2-Methylnaphthalene	-	3000	0.70	< 4.5	< 0.21	< 0.29	0.83	< 0.22	6.9	0.43	< 0.24
Acenaphthene	-	45000	1.9	< 3.0	< 0.14	0.10 J	5.0	0.044 J	7.9	2.7	0.070 J
Acenaphthylene	-	-	0.15 J	< 3.0	< 0.14	0.10 J	0.16 J	< 0.15	0.97	< 0.16	< 0.16
Anthracene	-	230000	6.3	2.5	< 0.11	0.57	15	0.12	23	9.9	0.24
Benzo(a)anthracene	-	2.9	14	3.4	< 0.11	3.1	19	0.32	42	18	0.88
Benzo(a)pyrene	-	0.29	11	2.9 J	< 0.14	2.4	16	0.26	31	17	0.82
Benzo(b)fluoranthene	-	2.9	14	3.2	< 0.11	3.0	18	0.33	36	20	1.0
Benzo(g,h,i)perylene	-	-	6.0	1.8 J	< 0.14	1.2	7.5	0.15	13	6.9	0.51
Benzo(k)fluoranthene	-	29	5.4	1.3 J	< 0.11	1.1	5.9	0.13	13	5.2	0.44
Chrysene	-	290	14	3.1	< 0.11	3.3	17	0.31	36	18	0.91
Dibenz(a,h)anthracene	-	0.29	1.6	< 2.2	< 0.11	0.39	2.3	0.051 J	4.8	1.9	0.14
Fluoranthene	-	30000	32	8.4	0.045 J	5.1	48	0.64	79	39	1.8
Fluorene	-	30000	2.0	< 3.7	< 0.18	0.14 J	6.4	< 0.18	9.6	3.0	0.059 J
Indeno(1,2,3-cd)pyrene	-	2.9	6.8	2.0 J	< 0.14	1.4	9.3	0.17	16	10	0.57
Naphthalene	-	17	1.4	< 3.7	< 0.18	0.15 J	0.70	< 0.18	8.3	0.45	< 0.20
Phenanthrene	-	-	24	7.8	< 0.11	2.1	42	0.41	64	31	0.88
Pyrene	-	23000	27	6.9	0.042 J	5.2	38	0.55	71	33	1.5
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.9	< 2.6	< 2.7	< 3.3	< 3.0	< 2.4	0.83 J	< 2.8	< 2.9
Diesel Range Organics (C9-C44)	100	-	1,120	8,060	245	376	7,120	61.7	4,220	4,290	266

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-009 07/06/2015 DP-009-SO-010-02 Duplicate 1	DP-009 07/06/2015 DP-009-SO-050-01 Primary 5	DP-009 07/06/2015 DP-009-SO-100-01 Primary 10	DP-010 07/06/2015 DP-010-SO-010-01 Primary 1	DP-010 07/06/2015 DP-010-SO-050-01 Primary 5	DP-010 07/06/2015 DP-010-SO-050-02 Duplicate 5	DP-010 07/06/2015 DP-010-SO-100-01 Primary 10	DP-011 07/06/2015 DP-011-SO-010-01 Primary 1	DP-011 07/06/2015 DP-011-SO-050-01 Primary 5
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	10,000	4,800	8,600	6,600	6,200	6,700	10,000	11,000	6,200
Antimony, Total	-	470	4.0 J	5.6	0.86 J	< 4.6	6.0	2.6 J	< 5.0	< 4.3	3.9 J
Arsenic, Total	-	3	7.5	15	7.2	5.3	12	12	6.7	2.7	12
Barium, Total	-	220000	100	330	73	87	180	160	76	29	170
Beryllium, Total	-	2300	0.47	0.56	0.69	0.39 J	0.44 J	0.47 J	0.70	0.23 J	0.48 J
Cadmium, Total	-	980	< 0.92	< 1.0	< 0.98	< 0.91	< 0.97	< 0.96	< 1.0	< 0.87	< 1.0
Calcium, Total	-	-	5,200	5,400	3,700	20,000	12,000	13,000	3,100	660	3,500
Chromium, Total	-	-	16	20	17	15	16	14	17	13	15
Cobalt, Total	-	350	5.8	5.8	12	6.3	6.6	5.8	10	1.8	6.7
Copper, Total	-	47000	30	160	27	24	220	82	22	4.8	340
Iron, Total	-	820000	22,000	15,000	28,000	14,000	20,000	18,000	25,000	14,000	20,000
Lead, Total	-	800	270	700	120	110	720	440	140	1.8 J	660
Magnesium, Total	-	-	1,300	810	1,100	2,100	1,000	1,100	880	480	1,000
Manganese, Total	-	26000	220	220	500	170	240	200	190	38	250
Mercury, Total	-	40	0.65	2.5	0.79	0.29	2.1	2.7	0.51	0.04 J	1.2
Nickel, Total	-	22000	12	13	10	14	13	9.8	9.0	4.1	16
Potassium, Total	-	-	800	480	760	790	730	670	860	650	730
Selenium, Total	-	5800	0.49 J	1.4 J	0.59 J	0.41 J	0.64 J	0.72 J	0.64 J	< 1.7	0.64 J
Silver, Total	-	5800	< 0.92	2.7	< 0.98	< 0.91	3.5	1.1	< 1.0	< 0.87	0.42 J
Sodium, Total	-	-	42 J	170 J	110 J	55 J	96 J	100 J	96 J	29 J	130 J
Thallium, Total	-	12	< 1.8	< 2.0	< 2.0	< 1.8	< 1.9	< 1.9	< 2.0	< 1.7	< 2.0
Vanadium, Total	-	5800	26	20	30	21	21	20	34	20	20
Zinc, Total	-	350000	170	390	340	82	330	260	140	11	620
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1221 (PCB-1221)	-	0.66	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1232 (PCB-1232)	-	0.66	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1242 (PCB-1242)	-	1	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1248 (PCB-1248)	-	1	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1254 (PCB-1254)	-	1	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1260 (PCB-1260)	-	1	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1262 (PCB-1262)	-	-	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Aroclor-1268 (PCB-1268)	-	-	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418
Polychlorinated biphenyls (PCBs)	-	1	-	< 0.0432	-	-	-	-	-	< 0.0368	< 0.0418

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-009 07/06/2015 DP-009-SO-010-02 Duplicate 1	DP-009 07/06/2015 DP-009-SO-050-01 Primary 5	DP-009 07/06/2015 DP-009-SO-100-01 Primary 10	DP-010 07/06/2015 DP-010-SO-010-01 Primary 1	DP-010 07/06/2015 DP-010-SO-050-01 Primary 5	DP-010 07/06/2015 DP-010-SO-050-02 Duplicate 5	DP-010 07/06/2015 DP-010-SO-100-01 Primary 10	DP-011 07/06/2015 DP-011-SO-010-01 Primary 1	DP-011 07/06/2015 DP-011-SO-050-01 Primary 5
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.21	< 0.20	< 0.19	< 0.82	< 0.80	< 0.22	< 0.18	< 0.21
2-Methylnaphthalene	-	3000	0.068 J	0.095 J	< 0.25	< 0.23	3.9	2.5	0.48	< 0.22	< 0.25
Acenaphthene	-	45000	0.91	< 0.17	0.084 J	0.16	12	7.4	4.1	< 0.14	0.21
Acenaphthylene	-	-	< 0.15	< 0.17	0.053 J	0.084 J	< 0.65	< 0.64	< 0.17	< 0.14	0.1 J
Anthracene	-	230000	2.0	< 0.13	0.16	0.56	26	15	14	< 0.11	0.87
Benzo(a)anthracene	-	2.9	4.8	0.063 J	0.47	2.3	32	16	24	< 0.11	2.9
Benzo(a)pyrene	-	0.29	4.2	0.061 J	0.50	2.2	26	13	20	< 0.14	2.6
Benzo(b)fluoranthene	-	2.9	5.6	0.084 J	0.65	2.8	32	16	25	< 0.11	3.0
Benzo(g,h,i)perylene	-	-	2.6	0.079 J	0.32	1.3	13	6.6	7.7	< 0.14	1.4
Benzo(k)fluoranthene	-	29	2.2	< 0.13	0.22	1.0	12	6.2	6.0	< 0.11	1.2
Chrysene	-	290	4.9	0.099 J	0.78	2.3	30	15	23	< 0.11	2.8
Dibenz(a,h)anthracene	-	0.29	0.72	< 0.13	0.080 J	0.37	3.8	1.9	2.2	< 0.11	0.41
Fluoranthene	-	30000	9.7	0.073 J	1.6	5.0	84	45	54	< 0.11	6.0
Fluorene	-	30000	0.59	< 0.21	0.11 J	0.12 J	12	7.4	5.0	< 0.18	0.22
Indeno(1,2,3-cd)pyrene	-	2.9	2.9	0.056 J	0.34	1.5	15	7.8	12	< 0.14	1.6
Naphthalene	-	17	0.084 J	0.20 J	< 0.20	< 0.19	4.5	3.2	0.43	< 0.18	0.13 J
Phenanthrene	-	-	7.2	0.12 J	1.4	2.0	88	51	44	< 0.11	3.1
Pyrene	-	23000	7.9	0.077 J	1.6	4.5	72	39	44	< 0.11	5.6
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 3.0	< 2.7	< 2.7	< 2.8	< 2.8	< 3.0	< 2.5	< 3.0
Diesel Range Organics (C9-C44)	100	-	191	130	10,900	596	1,410	563	7,440	6.12 J	359

NOTES

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

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-011 07/06/2015 DP-011-SO-100-01 Primary 10	DP-012 07/06/2015 DP-012-SO-010-01 Primary 1	DP-012 07/06/2015 DP-012-SO-100-01 Primary 10	DP-012 07/06/2015 DP-012-SO-150-01 Primary 15	DP-013 07/06/2015 DP-013-SO-010-01 Primary 1	DP-013 07/06/2015 DP-013-SO-100-01 Primary 10	DP-013 07/06/2015 DP-013-SO-100-02 Duplicate 10	DP-013 07/06/2015 DP-013-SO-150-01 Primary 15	DP-014 07/07/2015 DP-014-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	12,000	-	-	-	-	-	-	-	-
Antimony, Total	-	470	< 4.9	-	-	-	-	-	-	-	-
Arsenic, Total	-	3	4.7	-	-	-	-	-	-	-	-
Barium, Total	-	220000	53	-	-	-	-	-	-	-	-
Beryllium, Total	-	2300	0.51	-	-	-	-	-	-	-	-
Cadmium, Total	-	980	< 0.98	-	-	-	-	-	-	-	-
Calcium, Total	-	-	3,400	-	-	-	-	-	-	-	-
Chromium, Total	-	-	16	-	-	-	-	-	-	-	-
Cobalt, Total	-	350	9.8	-	-	-	-	-	-	-	-
Copper, Total	-	47000	12	-	-	-	-	-	-	-	-
Iron, Total	-	820000	23,000	-	-	-	-	-	-	-	-
Lead, Total	-	800	21	-	-	-	-	-	-	-	-
Magnesium, Total	-	-	1,400	-	-	-	-	-	-	-	-
Manganese, Total	-	26000	360	-	-	-	-	-	-	-	-
Mercury, Total	-	40	0.11	-	-	-	-	-	-	-	-
Nickel, Total	-	22000	11	-	-	-	-	-	-	-	-
Potassium, Total	-	-	870	-	-	-	-	-	-	-	-
Selenium, Total	-	5800	0.37 J	-	-	-	-	-	-	-	-
Silver, Total	-	5800	< 0.98	-	-	-	-	-	-	-	-
Sodium, Total	-	-	120 J	-	-	-	-	-	-	-	-
Thallium, Total	-	12	< 2.0	-	-	-	-	-	-	-	-
Vanadium, Total	-	5800	25	-	-	-	-	-	-	-	-
Zinc, Total	-	350000	54	-	-	-	-	-	-	-	-
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-011 07/06/2015 DP-011-SO-100-01 Primary 10	DP-012 07/06/2015 DP-012-SO-010-01 Primary 1	DP-012 07/06/2015 DP-012-SO-100-01 Primary 10	DP-012 07/06/2015 DP-012-SO-150-01 Primary 15	DP-013 07/06/2015 DP-013-SO-010-01 Primary 1	DP-013 07/06/2015 DP-013-SO-100-01 Primary 10	DP-013 07/06/2015 DP-013-SO-100-02 Duplicate 10	DP-013 07/06/2015 DP-013-SO-150-01 Primary 15	DP-014 07/07/2015 DP-014-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.21	< 0.20	< 0.20	< 0.20	< 0.18	< 0.21	< 0.42	< 0.21	< 0.18
2-Methylnaphthalene	-	3000	< 0.25	< 0.24	< 0.24	< 0.24	< 0.22	0.53	< 0.50	< 0.25	< 0.22
Acenaphthene	-	45000	0.16	0.20	< 0.16	< 0.16	< 0.14	2.0	< 0.33	< 0.17	< 0.15
Acenaphthylene	-	-	< 0.16	0.13 J	< 0.16	< 0.16	< 0.14	< 0.17	< 0.33	< 0.17	< 0.15
Anthracene	-	230000	0.22	0.54	< 0.12	< 0.12	< 0.11	3.6	0.12 J	< 0.13	< 0.11
Benzo(a)anthracene	-	2.9	0.27	1.6	< 0.12	< 0.12	< 0.11	4.3	0.35	< 0.13	0.066 J
Benzo(a)pyrene	-	0.29	0.24	1.5	< 0.16	< 0.16	< 0.14	3.8	0.25 J	< 0.17	0.057 J
Benzo(b)fluoranthene	-	2.9	0.30	2.0	< 0.12	< 0.12	< 0.11	3.6	0.20 J	< 0.13	0.079 J
Benzo(g,h,i)perylene	-	-	0.15 J	0.9	< 0.16	< 0.16	< 0.14	1.8	0.19 J	< 0.17	0.043 J
Benzo(k)fluoranthene	-	29	0.12	0.68	< 0.12	< 0.12	< 0.11	2.7	0.26	< 0.13	< 0.11
Chrysene	-	290	0.28	1.8	< 0.12	< 0.12	< 0.11	4.2	0.43	< 0.13	0.069 J
Dibenz(a,h)anthracene	-	0.29	< 0.12	0.27	< 0.12	< 0.12	< 0.11	0.46	< 0.25	< 0.13	< 0.11
Fluoranthene	-	30000	0.78	3.5	< 0.12	< 0.12	< 0.11	10	0.60	0.046 J	0.11
Fluorene	-	30000	0.14 J	0.18 J	< 0.20	< 0.20	< 0.18	1.9	< 0.42	< 0.21	< 0.18
Indeno(1,2,3-cd)pyrene	-	2.9	0.17	0.97	< 0.16	< 0.16	< 0.14	2.1	0.12 J	< 0.17	0.044 J
Naphthalene	-	17	< 0.21	0.067 J	< 0.20	< 0.20	< 0.18	0.81	< 0.42	< 0.21	< 0.18
Phenanthrene	-	-	0.88	2.1	< 0.12	< 0.12	< 0.11	10	0.39	< 0.13	0.049 J
Pyrene	-	23000	0.63	3.2	< 0.12	< 0.12	< 0.11	8.6	0.56	0.042 J	0.097 J
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 2.8	< 2.5	< 2.9	< 2.7	2.7 J	< 3.0	2.4 J	< 2.8
Diesel Range Organics (C9-C44)	100	-	9.33 J	780	332	< 38.6	29.8 J	3,430	9,540	119	80.5

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location			DP-014	DP-014	DP-015	DP-015	DP-015	DP-016	DP-016	DP-016	DP-017
Sample Date			07/07/2015	07/07/2015	07/07/2015	07/07/2015	07/07/2015	07/07/2015	07/07/2015	07/07/2015	07/07/2015
Sample Name			DP-014-SO-100-01	DP-014-SO-150-01	DP-015-SO-010-01	DP-015-SO-100-01	DP-015-SO-150-01	DP-016-SO-010-01	DP-016-SO-050-01	DP-016-SO-100-01	DP-017-SO-010-01
Sample Type	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Sample Depth (ft bgs)			10	15	1	10	15	1	5	10	1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	-	-	-	-	-	8,300	4,600	15,000	4,300
Antimony, Total	-	470	-	-	-	-	-	< 4.4	13	< 4.9	0.94 J
Arsenic, Total	-	3	-	-	-	-	-	4.2	37	1.6	5.2
Barium, Total	-	220000	-	-	-	-	-	120	110	50	89
Beryllium, Total	-	2300	-	-	-	-	-	0.23 J	0.36 J	0.52	0.27 J
Cadmium, Total	-	980	-	-	-	-	-	0.24 J	1.2	< 0.98	0.25 J
Calcium, Total	-	-	-	-	-	-	-	16,000	72,000	1,300	43,000
Chromium, Total	-	-	-	-	-	-	-	22	35	26	18
Cobalt, Total	-	350	-	-	-	-	-	5.3	5.0	5.9	6.3
Copper, Total	-	47000	-	-	-	-	-	30	650	16	52
Iron, Total	-	820000	-	-	-	-	-	24,000	44,000	36,000	16,000
Lead, Total	-	800	-	-	-	-	-	260	1,800	13	420
Magnesium, Total	-	-	-	-	-	-	-	1,800	1,100	1,600	2,000
Manganese, Total	-	26000	-	-	-	-	-	160	380	210	300
Mercury, Total	-	40	-	-	-	-	-	0.48	4.1	0.13	0.83
Nickel, Total	-	22000	-	-	-	-	-	25	15	9.8	8.2
Potassium, Total	-	-	-	-	-	-	-	590	660	800	760
Selenium, Total	-	5800	-	-	-	-	-	0.62 J	2.6	0.46 J	0.52 J
Silver, Total	-	5800	-	-	-	-	-	< 0.88	2.6	< 0.98	0.28 J
Sodium, Total	-	-	-	-	-	-	-	980	480	210	250
Thallium, Total	-	12	-	-	-	-	-	< 1.8	< 2.3	< 2.0	< 1.8
Vanadium, Total	-	5800	-	-	-	-	-	31	16	47	20
Zinc, Total	-	350000	-	-	-	-	-	170	910	35	200
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-014 07/07/2015 DP-014-SO-100-01 Primary 10	DP-014 07/07/2015 DP-014-SO-150-01 Primary 15	DP-015 07/07/2015 DP-015-SO-010-01 Primary 1	DP-015 07/07/2015 DP-015-SO-100-01 Primary 10	DP-015 07/07/2015 DP-015-SO-150-01 Primary 15	DP-016 07/07/2015 DP-016-SO-010-01 Primary 1	DP-016 07/07/2015 DP-016-SO-050-01 Primary 5	DP-016 07/07/2015 DP-016-SO-100-01 Primary 10	DP-017 07/07/2015 DP-017-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 1.0	< 0.20	< 0.17	< 0.19	< 0.21	< 0.37	< 0.25	< 0.20	< 0.19
2-Methylnaphthalene	-	3000	< 1.2	< 0.24	< 0.21	< 0.23	< 0.25	< 0.44	0.14 J	< 0.24	< 0.23
Acenaphthene	-	45000	< 0.84	< 0.16	< 0.14	< 0.15	< 0.16	< 0.29	< 0.20	< 0.16	0.086 J
Acenaphthylene	-	-	< 0.84	< 0.16	< 0.14	< 0.15	< 0.16	0.11 J	< 0.20	< 0.16	0.10 J
Anthracene	-	230000	< 0.63	< 0.12	0.039 J	< 0.12	< 0.12	0.30	0.056 J	< 0.12	0.40
Benzo(a)anthracene	-	2.9	< 0.63	< 0.12	0.16	0.072 J	< 0.12	1.4	0.21	< 0.12	1.5
Benzo(a)pyrene	-	0.29	< 0.84	< 0.16	0.14	0.076 J	< 0.16	1.3	0.18 J	< 0.16	1.4
Benzo(b)fluoranthene	-	2.9	< 0.63	< 0.12	0.20	0.10 J	< 0.12	2.0	0.26	< 0.12	1.9
Benzo(g,h,i)perylene	-	-	< 0.84	< 0.16	0.094 J	0.057 J	< 0.16	0.89	0.15 J	< 0.16	0.87
Benzo(k)fluoranthene	-	29	< 0.63	< 0.12	0.082 J	0.037 J	< 0.12	0.67	0.089 J	< 0.12	0.69
Chrysene	-	290	< 0.63	< 0.12	0.18	0.076 J	< 0.12	1.7	0.27	< 0.12	1.4
Dibenz(a,h)anthracene	-	0.29	< 0.63	< 0.12	< 0.10	< 0.12	< 0.12	0.31	< 0.15	< 0.12	0.27
Fluoranthene	-	30000	< 0.63	< 0.12	0.23	0.098 J	< 0.12	2.3	0.36	< 0.12	2.8
Fluorene	-	30000	< 1.0	< 0.20	< 0.17	< 0.19	< 0.21	< 0.37	< 0.25	< 0.20	0.086 J
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.84	< 0.16	0.10 J	0.064 J	< 0.16	1.0	0.15 J	< 0.16	1.0
Naphthalene	-	17	< 1.0	< 0.20	< 0.17	< 0.19	< 0.21	< 0.37	0.21 J	< 0.20	0.081 J
Phenanthrene	-	-	< 0.63	< 0.12	0.10	0.042 J	< 0.12	1.4	0.35	< 0.12	1.4
Pyrene	-	23000	< 0.63	< 0.12	0.18	0.096 J	< 0.12	2.0	0.34	< 0.12	2.5
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	0.97 J	1.1 J	2.2 J	1.4 J	< 2.9	< 2.7	< 3.6	< 2.7	< 2.4
Diesel Range Organics (C9-C44)	100	-	2,360	9.77 J	112	32.6 J	9.53 J	346	107	7.06 J	310

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-017 07/07/2015 DP-017-SO-050-01 Primary 5	DP-017 07/07/2015 DP-017-SO-100-01 Primary 10	DP-018 07/07/2015 DP-018-SO-010-01 Primary 1	DP-018 07/07/2015 DP-018-SO-050-01 Primary 5	DP-018 07/07/2015 DP-018-SO-100-01 Primary 10	DP-019 07/07/2015 DP-019-SO-010-01 Primary 1	DP-019 07/07/2015 DP-019-SO-050-01 Primary 5	DP-019 07/07/2015 DP-019-SO-100-01 Primary 10	DP-020 07/07/2015 DP-020-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	3,700	9,800	5,300	4,200	7,700	5,900	3,700	13,000	4,300
Antimony, Total	-	470	2.2 J	< 5.1	16	< 4.4	< 4.9	4.8	< 4.5	< 5.0	0.84 J
Arsenic, Total	-	3	7.1	1.4	1.5	7.8	3.1	10	7.2	1.1	4.7
Barium, Total	-	220000	260	67	120	38	65	250	33	43	110
Beryllium, Total	-	2300	0.42 J	0.65	0.36 J	0.20 J	0.23 J	0.47	0.19 J	0.55	0.27 J
Cadmium, Total	-	980	3.3	< 1.0	0.31 J	< 0.89	< 0.98	0.32 J	< 0.90	< 1.0	0.48 J
Calcium, Total	-	-	13,000	1,600	37,000	8,100	25,000	20,000	7,900	1,000	9,900
Chromium, Total	-	-	18	18	25	11	15	17	9.2	23	12
Cobalt, Total	-	350	4.3	15	7.9	2.9	4.9	7.0	2.5	8.1	5.8
Copper, Total	-	47000	82	11	36	8.6	16	54	9.1	15	82
Iron, Total	-	820000	15,000	22,000	33,000	8,500	19,000	25,000	7,700	27,000	14,000
Lead, Total	-	800	450	35	200	18	93	3,200	19	14	280
Magnesium, Total	-	-	620	1,000	3,100	1,000	1,200	2,000	890	1,400	1,000
Manganese, Total	-	26000	190	400	360	57	280	530	64	180	340
Mercury, Total	-	40	7.1	0.08	0.32	0.02 J	0.33	1.0	0.067 J	0.11	0.65
Nickel, Total	-	22000	12	8.4	10	5.1	5.4	13	3.9	9.8	9.4
Potassium, Total	-	-	740	820	940	760	580	670	570	820	500
Selenium, Total	-	5800	0.57 J	0.46 J	< 1.8	< 1.8	0.50 J	0.73 J	< 1.8	< 2.0	0.51 J
Silver, Total	-	5800	0.34 J	< 1.0	0.22 J	< 0.89	< 0.98	0.47 J	< 0.90	< 1.0	0.34 J
Sodium, Total	-	-	400	110 J	230	39 J	91 J	140 J	41 J	140 J	80 J
Thallium, Total	-	12	< 2.1	< 2.0	< 1.8	< 1.8	< 2.0	< 1.8	0.37 J	< 2.0	< 1.7
Vanadium, Total	-	5800	18	32	30	18	28	23	17	42	17
Zinc, Total	-	350000	720	31	180	40	36	430	16	35	240
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-017 07/07/2015 DP-017-SO-050-01 Primary 5	DP-017 07/07/2015 DP-017-SO-100-01 Primary 10	DP-018 07/07/2015 DP-018-SO-010-01 Primary 1	DP-018 07/07/2015 DP-018-SO-050-01 Primary 5	DP-018 07/07/2015 DP-018-SO-100-01 Primary 10	DP-019 07/07/2015 DP-019-SO-010-01 Primary 1	DP-019 07/07/2015 DP-019-SO-050-01 Primary 5	DP-019 07/07/2015 DP-019-SO-100-01 Primary 10	DP-020 07/07/2015 DP-020-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.22	< 0.21	< 0.18	< 0.18	< 0.21	< 0.19	< 0.19	< 0.21	< 0.18
2-Methylnaphthalene	-	3000	0.084 J	< 0.26	< 0.22	< 0.22	< 0.25	< 0.23	< 0.22	< 0.25	< 0.22
Acenaphthene	-	45000	< 0.18	< 0.17	< 0.15	< 0.15	0.14 J	0.095 J	< 0.15	< 0.17	0.048 J
Acenaphthylene	-	-	< 0.18	< 0.17	< 0.15	< 0.15	< 0.17	0.12 J	< 0.15	< 0.17	0.13 J
Anthracene	-	230000	0.19	< 0.13	0.047 J	< 0.11	0.40	0.25	< 0.11	< 0.12	0.18
Benzo(a)anthracene	-	2.9	0.48	< 0.13	0.23	< 0.11	0.72	1.2	0.075 J	< 0.12	1.1
Benzo(a)pyrene	-	0.29	0.39	< 0.17	0.21	< 0.15	0.61	1.2	0.057 J	< 0.17	1.1
Benzo(b)fluoranthene	-	2.9	0.50	< 0.13	0.27	< 0.11	0.76	1.6	0.086 J	< 0.12	1.5
Benzo(g,h,i)perylene	-	-	0.28	< 0.17	0.14 J	< 0.15	0.38	0.89	< 0.15	< 0.17	0.76
Benzo(k)fluoranthene	-	29	0.20	< 0.13	0.11	< 0.11	0.24	0.63	< 0.11	< 0.12	0.52
Chrysene	-	290	0.53	< 0.13	0.23	< 0.11	0.67	1.2	0.080 J	< 0.12	1.1
Dibenz(a,h)anthracene	-	0.29	0.078 J	< 0.13	0.042 J	< 0.11	0.086 J	0.23	< 0.11	< 0.12	0.20
Fluoranthene	-	30000	1.0	0.044 J	0.43	< 0.11	1.9	2.2	0.14	< 0.12	1.8
Fluorene	-	30000	0.073 J	< 0.21	< 0.18	< 0.18	0.14 J	0.061 J	< 0.19	< 0.21	< 0.18
Indeno(1,2,3-cd)pyrene	-	2.9	0.29	< 0.17	0.16	< 0.15	0.43	0.98	< 0.15	< 0.17	0.86
Naphthalene	-	17	< 0.22	< 0.21	< 0.18	< 0.18	< 0.21	< 0.19	< 0.19	< 0.21	< 0.18
Phenanthrene	-	-	0.85	< 0.13	0.20	< 0.11	1.4	0.96	0.099 J	< 0.12	0.62
Pyrene	-	23000	0.90	< 0.13	0.40	< 0.11	1.7	2.0	0.12	< 0.12	1.7
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.0	< 3.0	< 2.6	< 2.6	< 2.8	< 2.8	< 2.4	2.0 J	< 2.7
Diesel Range Organics (C9-C44)	100	-	141	< 42.2	21.7 J	< 35.9	97.8	280	7.62 J	< 39.8	255

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-020 07/07/2015 DP-020-SO-050-01 Primary 5	DP-021 07/07/2015 DP-021-SO-010-01 Primary 1	DP-021 07/07/2015 DP-021-SO-010-02 Duplicate 1	DP-021 07/07/2015 DP-021-SO-050-01 Primary 5	DP-021 07/07/2015 DP-021-SO-100-01 Primary 10	DP-022 07/07/2015 DP-022-SO-010-01 Primary 1	DP-022 07/07/2015 DP-022-SO-050-01 Primary 5	DP-022 07/07/2015 DP-022-SO-100-01 Primary 10	DP-023 07/08/2015 DP-023-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	4,800	6,900	9,800	9,700	10,000	6,000	4,600	12,000	5,200
Antimony, Total	-	470	< 4.7	3.5 J	2.9 J	3.0 J	< 5.0	4.9	2.1 J	< 5.2	1.3 J
Arsenic, Total	-	3	7.0	12	7.2	5.6	0.86 J	8.7	15	13	12
Barium, Total	-	220000	48	330	350	140	54	370	370	40	90
Beryllium, Total	-	2300	0.27 J	0.58	0.57	0.47	0.52	0.53	0.62	0.46 J	0.40 J
Cadmium, Total	-	980	0.10 J	1.3	0.94 J	0.23 J	< 1.0	1.2	1.6	< 1.0	0.28 J
Calcium, Total	-	-	29,000	11,000	14,000	5,700	1,500	18,000	13,000	1,600	7,200
Chromium, Total	-	-	15	24	21	19	23	20	42	20	15
Cobalt, Total	-	350	4.7	8.0	6.6	7.7	7.0	6.4	9.1	6.2	5.5
Copper, Total	-	47000	14	94	100	94	11	88	360	14	36
Iron, Total	-	820000	10,000	26,000	20,000	28,000	23,000	32,000	68,000	27,000	18,000
Lead, Total	-	800	54	770	850	380	16	990	1,000	8.4	190
Magnesium, Total	-	-	1,800	1,100	2,100	1,200	1,100	1,800	1,000	1,100	1,500
Manganese, Total	-	26000	120	1,000	420	370	470	300	360	400	170
Mercury, Total	-	40	0.58	2.0	1.1	1.1	0.17	0.98	2.2	0.040 J	0.83
Nickel, Total	-	22000	7.9	17	12	12	8.5	20	22	9.1	12
Potassium, Total	-	-	770	600	710	860	870	710	580	980	560
Selenium, Total	-	5800	0.32 J	0.98 J	0.95 J	0.33 J	< 2.0	0.94 J	3.4	< 2.1	< 1.8
Silver, Total	-	5800	< 0.94	0.61 J	0.76 J	0.42 J	< 1.0	0.56 J	0.54 J	< 1.0	< 0.88
Sodium, Total	-	-	92 J	190	240	86 J	90 J	100 J	360	90 J	150 J
Thallium, Total	-	12	< 1.9	< 1.9	< 1.9	< 1.9	< 2.0	< 1.8	< 2.0	< 2.1	< 1.8
Vanadium, Total	-	5800	18	25	25	28	37	27	20	39	20
Zinc, Total	-	350000	70	580	470	260	30	540	850	32	140
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-020 07/07/2015 DP-020-SO-050-01 Primary 5	DP-021 07/07/2015 DP-021-SO-010-01 Primary 1	DP-021 07/07/2015 DP-021-SO-010-02 Duplicate 1	DP-021 07/07/2015 DP-021-SO-050-01 Primary 5	DP-021 07/07/2015 DP-021-SO-100-01 Primary 10	DP-022 07/07/2015 DP-022-SO-010-01 Primary 1	DP-022 07/07/2015 DP-022-SO-050-01 Primary 5	DP-022 07/07/2015 DP-022-SO-100-01 Primary 10	DP-023 07/08/2015 DP-023-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.20	< 0.20	< 0.39	< 0.21	< 0.39	< 0.42	< 0.21	< 0.18
2-Methylnaphthalene	-	3000	< 0.23	< 0.24	< 0.24	< 0.47	< 0.25	< 0.46	< 0.50	< 0.26	< 0.22
Acenaphthene	-	45000	< 0.16	0.042 J	0.10 J	< 0.31	< 0.17	< 0.31	0.15 J	< 0.17	0.055 J
Acenaphthylene	-	-	< 0.16	0.18	0.19	0.12 J	< 0.17	0.66	0.32 J	< 0.17	0.17
Anthracene	-	230000	< 0.12	0.24	0.31	0.11 J	< 0.13	0.51	0.51	< 0.13	0.34
Benzo(a)anthracene	-	2.9	0.073 J	1.3	1.1	0.66	0.088 J	2.6	1.9	< 0.13	2.2
Benzo(a)pyrene	-	0.29	0.064 J	1.4	1.1	0.67	0.082 J	2.7	2.2	< 0.17	2.1
Benzo(b)fluoranthene	-	2.9	0.082 J	1.8	1.4	0.97	0.10 J	3.6	3.3	< 0.13	2.8
Benzo(g,h,i)perylene	-	-	0.047 J	0.84	0.72	0.42	0.044 J	1.7	1.6	< 0.17	1.4
Benzo(k)fluoranthene	-	29	< 0.12	0.68	0.56	0.40	< 0.13	1.4	0.96	< 0.13	0.93
Chrysene	-	290	0.078 J	1.4	1.1	0.76	0.087 J	2.7	2.6	< 0.13	1.8
Dibenz(a,h)anthracene	-	0.29	< 0.12	0.22	0.18	0.11 J	< 0.13	0.42	0.33	< 0.13	0.36
Fluoranthene	-	30000	0.11 J	2.4	1.7	1.1	0.15	3.8	5.0	< 0.13	3.6
Fluorene	-	30000	< 0.19	< 0.20	0.10 J	< 0.39	< 0.21	< 0.39	0.18 J	< 0.21	< 0.18
Indeno(1,2,3-cd)pyrene	-	2.9	0.048 J	0.92	0.76	0.47	0.051 J	1.9	1.7	< 0.17	1.6
Naphthalene	-	17	< 0.19	0.076 J	0.084 J	< 0.39	< 0.21	0.15 J	0.33 J	< 0.21	< 0.18
Phenanthrene	-	-	0.067 J	0.89	1.2	0.46	0.083 J	1.5	3.4	< 0.13	1.2
Pyrene	-	23000	0.11 J	2.1	1.6	0.98	0.13	3.4	4.3	< 0.13	3.4
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.6	< 2.6	< 3.0	< 2.7	< 2.8	1.9 J	< 2.9	< 3.1	< 2.6
Diesel Range Organics (C9-C44)	100	-	332	88.5	381	84.3	33.2 J	581	276	19.8 J	475

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-023 07/08/2015 DP-023-SO-050-01 Primary 5	DP-023 07/08/2015 DP-023-SO-100-01 Primary 10	DP-024 07/07/2015 DP-024-SO-010-01 Primary 1	DP-024 07/07/2015 DP-024-SO-050-01 Primary 5	DP-024 07/08/2015 DP-024-SO-100-01 Primary 10	DP-024 07/08/2015 DP-024-SO-100-02 Duplicate 10	DP-025 07/07/2015 DP-025-SO-010-01 Primary 1	DP-025 07/07/2015 DP-025-SO-050-01 Primary 5	DP-025 07/07/2015 DP-025-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	4,700	7,800	5,000	6,200	7,500	11,000	6,600	7,400	14,000
Antimony, Total	-	470	< 4.6	< 5.0	4.0 J	6.1	< 4.8	< 4.9	0.73 J	22	< 4.8
Arsenic, Total	-	3	6.6	2.3	25	31	11	11	10	32	14
Barium, Total	-	220000	35	49	390	320	68	46	63	360	55
Beryllium, Total	-	2300	0.22 J	0.56	0.45	0.49	0.60	0.57	0.28 J	0.68	0.68
Cadmium, Total	-	980	0.13 J	< 1.0	0.94	0.52 J	< 0.96	< 0.99	< 0.89	1.3	< 0.96
Calcium, Total	-	-	3,100	1,300	16,000	15,000	3,500	1,900	16,000	20,000	900
Chromium, Total	-	-	9.8	19	18	21	16	20	21	23	19
Cobalt, Total	-	350	2.5	9.3	7.2	10	13	8.4	6.0	9.0	14
Copper, Total	-	47000	10	9.2	190	120	11	10	27	310	16
Iron, Total	-	820000	10,000	18,000	31,000	42,000	18,000	20,000	15,000	40,000	26,000
Lead, Total	-	800	38	23	1,300	860	42	16	120	1,500	17
Magnesium, Total	-	-	790	840	2,000	1,300	810	1,100	5,700	1,400	2,000
Manganese, Total	-	26000	66	260	290	380	200	310	170	380	170
Mercury, Total	-	40	0.43	0.050 J	14	1.9	0.060 J	0.040 J	0.37	2.8	0.07 J
Nickel, Total	-	22000	4.1	7.1	20	13	7.3	9.1	54	27	15
Potassium, Total	-	-	490	660	630	620	590	820	700	700	740
Selenium, Total	-	5800	< 1.8	0.32 J	< 1.8	< 1.8	< 1.9	< 2.0	< 1.8	1.3 J	< 1.9
Silver, Total	-	5800	< 0.92	< 1.0	0.61 J	2.4	< 0.96	< 0.99	< 0.89	< 1.2	< 0.96
Sodium, Total	-	-	30 J	87 J	220	270	78 J	100 J	49 J	300	110 J
Thallium, Total	-	12	< 1.8	< 2.0	< 1.8	< 1.8	< 1.9	< 2.0	< 1.8	< 2.3	< 1.9
Vanadium, Total	-	5800	17	30	21	24	26	34	22	31	36
Zinc, Total	-	350000	79	26	780	810	37	37	120	890	45
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-023 07/08/2015 DP-023-SO-050-01 Primary 5	DP-023 07/08/2015 DP-023-SO-100-01 Primary 10	DP-024 07/07/2015 DP-024-SO-010-01 Primary 1	DP-024 07/07/2015 DP-024-SO-050-01 Primary 5	DP-024 07/08/2015 DP-024-SO-100-01 Primary 10	DP-024 07/08/2015 DP-024-SO-100-02 Duplicate 10	DP-025 07/07/2015 DP-025-SO-010-01 Primary 1	DP-025 07/07/2015 DP-025-SO-050-01 Primary 5	DP-025 07/07/2015 DP-025-SO-100-01 Primary 10
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.21	< 0.19	< 0.97	< 0.21	< 0.20	< 0.37	< 1.2	< 0.20
2-Methylnaphthalene	-	3000	< 0.23	< 0.25	0.11 J	< 1.2	< 0.25	< 0.24	< 0.45	2.8	< 0.24
Acenaphthene	-	45000	< 0.16	< 0.16	0.057 J	0.22 J	< 0.16	< 0.16	< 0.30	0.53 J	< 0.16
Acenaphthylene	-	-	< 0.16	< 0.16	0.20	0.23 J	< 0.16	< 0.16	< 0.30	7.9	< 0.16
Anthracene	-	230000	0.055 J	< 0.12	0.24	0.98	< 0.12	< 0.12	0.13 J	2.3	< 0.12
Benzo(a)anthracene	-	2.9	0.20	< 0.12	0.92	2.8	< 0.12	< 0.12	0.54	12	< 0.12
Benzo(a)pyrene	-	0.29	0.15 J	< 0.16	0.99	2.5	< 0.16	< 0.16	0.50	13	< 0.16
Benzo(b)fluoranthene	-	2.9	0.18	< 0.12	1.2	3.0	< 0.12	< 0.12	0.65	16	< 0.12
Benzo(g,h,i)perylene	-	-	0.081 J	< 0.16	0.60	1.5	< 0.16	< 0.16	0.31	6.8	< 0.16
Benzo(k)fluoranthene	-	29	0.079 J	< 0.12	0.48	1.3	< 0.12	< 0.12	0.26	11	< 0.12
Chrysene	-	290	0.18	< 0.12	1.1	2.6	< 0.12	< 0.12	0.54	22	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12	0.16	0.47 J	< 0.12	< 0.12	0.088 J	1.6	< 0.12
Fluoranthene	-	30000	0.34	< 0.12	1.8	5.6	0.054 J	< 0.12	0.88	46	< 0.12
Fluorene	-	30000	< 0.19	< 0.21	0.079 J	0.32 J	< 0.21	< 0.20	< 0.37	1.9	< 0.20
Indeno(1,2,3-cd)pyrene	-	2.9	0.099 J	< 0.16	0.68	1.8	< 0.16	< 0.16	0.33	7.9	< 0.16
Naphthalene	-	17	< 0.19	< 0.21	0.096 J	< 0.97	< 0.21	< 0.20	< 0.37	3.8	< 0.20
Phenanthrene	-	-	0.18	< 0.12	1.2	3.6	< 0.12	< 0.12	0.41	63	< 0.12
Pyrene	-	23000	0.30	< 0.12	1.6	4.7	0.046 J	< 0.12	0.76	42	< 0.12
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 3.0	< 2.7	2.8	2.9 J	< 3.1	< 2.5	5.5	6.9
Diesel Range Organics (C9-C44)	100	-	29.7 J	5.4 J	473	461	34.6 J	26.5 J	312	13,200	317

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-026 07/07/2015 DP-026-SO-010-01 Primary 1	DP-026 07/07/2015 DP-026-SO-050-01 Primary 5	DP-026 07/07/2015 DP-026-SO-100-01 Primary 10	DP-026 07/08/2015 DP-026-SO-125-01 Primary 12.5	DP-027 07/08/2015 DP-027-SO-010-01 Primary 1	DP-027 07/08/2015 DP-027-SO-080-01 Primary 8	DP-027 07/08/2015 DP-027-SO-115-01 Primary 11.5	DP-028 07/08/2015 DP-028-SO-010-01 Primary 1	DP-028 07/08/2015 DP-028-SO-010-02 Duplicate 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	7,300	6,300	4,100	9,600	1,800	3,600	10,000	5,400	6,300
Antimony, Total	-	470	2.4 J	20	3.3 J	< 4.8	< 4.3	< 5.8	< 4.7	2.4 J	1.1 J
Arsenic, Total	-	3	12	40	9.7	2.1	0.93	2.9	2.4	14	5.4
Barium, Total	-	220000	110	730	220	44	16	86	40	120	90
Beryllium, Total	-	2300	0.48	0.69	0.37 J	0.70	0.090 J	0.26 J	0.68	0.41 J	0.38 J
Cadmium, Total	-	980	0.060 J	0.40 J	< 1.2	< 0.96	< 0.86	0.31 J	< 0.94	0.78 J	0.30 J
Calcium, Total	-	-	16,000	28,000	7,200	340	2,400	62,000	340	5,800	5,000
Chromium, Total	-	-	16	37	13	24	6.2	10	18	13	16
Cobalt, Total	-	350	6.8	14	5.4	7.3	1.1 J	3.7	10	5.1	3.3
Copper, Total	-	47000	35	320	99	16	7.6	56	15	110	62
Iron, Total	-	820000	18,000	52,000	44,000	29,000	5,900	20,000	28,000	21,000	22,000
Lead, Total	-	800	270	7,900	460	12	27	56	20	360	170
Magnesium, Total	-	-	2,000	1,800	630	1,700	240	1,400	1,800	960	690
Manganese, Total	-	26000	200	570	270	250	39	370	360	170	130
Mercury, Total	-	40	0.56	12	1.0	0.09	0.13	0.36	< 0.080	0.16	1.2
Nickel, Total	-	22000	13	20	8.9	10	2.0 J	7.7	12	7.8	6.3
Potassium, Total	-	-	680	780	470	420	190 J	470	410	620	590
Selenium, Total	-	5800	< 1.7	< 2.0	5.2	< 1.9	< 1.7	1.6 J	< 1.9	0.42 J	< 1.7
Silver, Total	-	5800	< 0.86	3.3	0.30 J	< 0.96	< 0.86	< 1.2	< 0.94	0.45 J	< 0.87
Sodium, Total	-	-	140 J	560	140 J	78 J	< 170	210 J	69 J	64 J	47 J
Thallium, Total	-	12	< 1.7	< 2.0	< 2.4	< 1.9	< 1.7	< 2.3	< 1.9	< 1.8	< 1.7
Vanadium, Total	-	5800	25	29	18	31	8.8	15	30	19	25
Zinc, Total	-	350000	160	1,100	670	33	18	270	37	320	190
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1221 (PCB-1221)	-	0.66	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1232 (PCB-1232)	-	0.66	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1242 (PCB-1242)	-	1	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1248 (PCB-1248)	-	1	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1254 (PCB-1254)	-	1	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1260 (PCB-1260)	-	1	0.00581 J	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1262 (PCB-1262)	-	-	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Aroclor-1268 (PCB-1268)	-	-	< 0.0367	< 0.0427	-	-	-	-	-	< 0.0377	-
Polychlorinated biphenyls (PCBs)	-	1	0.00581 J	< 0.0427	-	-	-	-	-	< 0.0377	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-026 07/07/2015 DP-026-SO-010-01 Primary 1	DP-026 07/07/2015 DP-026-SO-050-01 Primary 5	DP-026 07/07/2015 DP-026-SO-100-01 Primary 10	DP-026 07/08/2015 DP-026-SO-125-01 Primary 12.5	DP-027 07/08/2015 DP-027-SO-010-01 Primary 1	DP-027 07/08/2015 DP-027-SO-080-01 Primary 8	DP-027 07/08/2015 DP-027-SO-115-01 Primary 11.5	DP-028 07/08/2015 DP-028-SO-010-01 Primary 1	DP-028 07/08/2015 DP-028-SO-010-02 Duplicate 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.92	< 1.1	< 0.50	< 0.20	< 0.18	< 0.24	< 0.20	< 0.19	< 0.19
2-Methylnaphthalene	-	3000	< 1.1	0.48 J	< 0.60	< 0.24	< 0.22	0.081 J	< 0.24	< 0.23	0.15 J
Acenaphthene	-	45000	< 0.74	0.64 J	< 0.40	< 0.16	< 0.14	0.20	< 0.16	< 0.15	0.45
Acenaphthylene	-	-	0.31 J	< 0.85	< 0.40	< 0.16	< 0.14	0.050 J	< 0.16	< 0.15	0.047 J
Anthracene	-	230000	0.93	1.8	0.19 J	< 0.12	0.089 J	0.43	< 0.12	0.082 J	1.1
Benzo(a)anthracene	-	2.9	3.8	3.9	0.58	< 0.12	0.43	0.74	< 0.12	0.40	3.0
Benzo(a)pyrene	-	0.29	3.3	3.1	0.55	< 0.16	0.38	0.53	< 0.16	0.37	2.6
Benzo(b)fluoranthene	-	2.9	4.2	3.8	0.66	< 0.12	0.48	0.65	< 0.12	0.45	3.3
Benzo(g,h,i)perylene	-	-	2.1	2.0	0.40	< 0.16	0.23	0.30	< 0.16	0.23	1.6
Benzo(k)fluoranthene	-	29	1.7	1.6	0.21 J	< 0.12	0.17	0.25	< 0.12	0.19	1.1
Chrysene	-	290	3.3	3.9	0.57	< 0.12	0.39	0.70	< 0.12	0.40	3.0
Dibenz(a,h)anthracene	-	0.29	0.60	0.52 J	0.13 J	< 0.12	0.060 J	< 0.14	< 0.12	0.066 J	0.40
Fluoranthene	-	30000	8.0	9.0	1.5	< 0.12	0.83	1.9	< 0.12	0.72	6.2
Fluorene	-	30000	< 0.92	0.67 J	< 0.50	< 0.20	< 0.18	0.25	< 0.20	< 0.19	0.35
Indeno(1,2,3-cd)pyrene	-	2.9	2.5	2.1	0.37 J	< 0.16	0.27	0.32	< 0.16	0.26	1.7
Naphthalene	-	17	< 0.92	0.48 J	< 0.50	< 0.20	< 0.18	0.49	< 0.20	< 0.19	0.24
Phenanthrene	-	-	3.8	7.8	0.64	< 0.12	0.30	1.7	< 0.12	0.31	5.2
Pyrene	-	23000	6.8	7.6	1.2	< 0.12	0.75	1.5	< 0.12	0.66	7.3
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.6	< 3.2	3.9	< 3.0	< 2.7	3.1 J	< 2.9	< 2.7	< 2.8
Diesel Range Organics (C9-C44)	100	-	734	383	38,900	< 38.7	240	14,500	362	144	330

NOTES

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

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-028 07/08/2015 DP-028-SO-095-01 Primary 9.5	DP-028 07/08/2015 DP-028-SO-110-01 Primary 11	DP-029 07/08/2015 DP-029-SO-010-01 Primary 1	DP-029 07/08/2015 DP-029-SO-090-01 Primary 9	DP-029 07/08/2015 DP-029-SO-105-01 Primary 10.5	DP-030 07/08/2015 DP-030-SO-010-01 Primary 1	DP-030 07/08/2015 DP-030-SO-100-01 Primary 10	DP-030 07/08/2015 DP-030-SO-125-01 Primary 12.5	DP-031 07/08/2015 DP-031-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	3,900	14,000	7,000	5,600	13,000	12,000	9,000	10,000	7,500
Antimony, Total	-	470	4.5 J	< 5.1	3.1 J	< 4.9	< 5.0	< 4.5	< 5.1	< 4.8	1.4 J
Arsenic, Total	-	3	7.1	2.4	8.2	3	2.5	2.7	1.8	1.8	3.8
Barium, Total	-	220000	420	48	140	110	54	68	70	54	84
Beryllium, Total	-	2300	0.46 J	0.55	0.40 J	0.32 J	0.55	0.44 J	0.79	0.56	0.44 J
Cadmium, Total	-	980	0.27 J	< 1.0	2.2	0.28 J	< 0.99	< 0.91	< 1.0	< 0.96	0.98
Calcium, Total	-	-	7,400	990	12,000	43,000	1,500	1,400	2,100	930	8,400
Chromium, Total	-	-	14	26	38	15	18	18	20	20	23
Cobalt, Total	-	350	4.1	14	7.4	6.7	10	7.8	13	9.0	4.6
Copper, Total	-	47000	120	18	250	28	28	14	14	16	42
Iron, Total	-	820000	19,000	29,000	26,000	15,000	26,000	23,000	23,000	25,000	27,000
Lead, Total	-	800	320	19	570	150	24	34	55	15	220
Magnesium, Total	-	-	1,100	1,500	3,000	1,400	2,000	1,300	960	1,500	2,500
Manganese, Total	-	26000	120	210	240	420	240	280	1,100	180	150
Mercury, Total	-	40	5.7	0.10	1.3	0.74	0.020 J	0.05 J	0.29	0.05 J	0.31
Nickel, Total	-	22000	12	11	30	9.2	13	9.6	8.6	11	20
Potassium, Total	-	-	430	770	540	670	610	960	630	600	390
Selenium, Total	-	5800	0.87 J	< 2.0	< 1.8	0.40 J	< 2.0	< 1.8	0.34 J	< 1.9	< 1.8
Silver, Total	-	5800	0.49 J	< 1.0	0.47 J	0.28 J	< 0.99	< 0.91	< 1.0	< 0.96	< 0.91
Sodium, Total	-	-	150 J	130 J	71 J	240	100 J	80 J	99 J	84 J	36 J
Thallium, Total	-	12	< 2.2	< 2.0	< 1.8	< 2.0	< 2.0	< 1.8	< 2.0	< 1.9	< 1.8
Vanadium, Total	-	5800	18	45	28	18	30	30	31	31	29
Zinc, Total	-	350000	250	42	400	170	54	54	40	35	220
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	0.132	-	< 0.0381	0.0647	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	0.158	-	< 0.0381	0.0959	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	0.139	-	0.0182 J	0.113	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	< 0.0458	-	< 0.0381	< 0.0417	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	0.429	-	0.0182 J	0.274	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-028 07/08/2015 DP-028-SO-095-01 Primary 9.5	DP-028 07/08/2015 DP-028-SO-110-01 Primary 11	DP-029 07/08/2015 DP-029-SO-010-01 Primary 1	DP-029 07/08/2015 DP-029-SO-090-01 Primary 9	DP-029 07/08/2015 DP-029-SO-105-01 Primary 10.5	DP-030 07/08/2015 DP-030-SO-010-01 Primary 1	DP-030 07/08/2015 DP-030-SO-100-01 Primary 10	DP-030 07/08/2015 DP-030-SO-125-01 Primary 12.5	DP-031 07/08/2015 DP-031-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 1.1	< 0.21	< 0.19	< 0.21	< 0.21	< 0.19	< 1.1	< 0.20	< 0.97
2-Methylnaphthalene	-	3000	< 1.3	< 0.26	< 0.23	0.095 J	< 0.25	< 0.22	< 1.3	< 0.24	< 1.2
Acenaphthene	-	45000	< 0.90	< 0.17	0.10 J	0.21	< 0.17	< 0.15	< 0.86	< 0.16	0.64 J
Acenaphthylene	-	-	< 0.90	< 0.17	0.089 J	0.34	< 0.17	< 0.15	< 0.86	< 0.16	< 0.78
Anthracene	-	230000	< 0.67	< 0.13	0.41	0.77	< 0.12	0.094 J	< 0.64	< 0.12	1.5
Benzo(a)anthracene	-	2.9	< 0.67	< 0.13	2.6	2.3	< 0.12	0.43	< 0.64	< 0.12	4.7
Benzo(a)pyrene	-	0.29	< 0.90	< 0.17	2.5	1.9	< 0.17	0.41	< 0.86	< 0.16	4.2
Benzo(b)fluoranthene	-	2.9	< 0.67	< 0.13	3.4	2.4	< 0.12	0.52	< 0.64	< 0.12	5.3
Benzo(g,h,i)perylene	-	-	< 0.90	< 0.17	1.5	1.1	< 0.17	0.25	< 0.86	< 0.16	2.5
Benzo(k)fluoranthene	-	29	< 0.67	< 0.13	1.1	0.92	< 0.12	0.18	< 0.64	< 0.12	2.2
Chrysene	-	290	0.22 J	< 0.13	2.4	2.2	< 0.12	0.43	< 0.64	< 0.12	5.0
Dibenz(a,h)anthracene	-	0.29	< 0.67	< 0.13	0.44	0.32	< 0.12	0.070 J	< 0.64	< 0.12	0.51 J
Fluoranthene	-	30000	0.38 J	< 0.13	4.8	5.7	< 0.12	0.83	< 0.64	0.040 J	12
Fluorene	-	30000	< 1.1	< 0.21	0.078 J	0.38	< 0.21	< 0.19	< 1.1	< 0.20	0.51 J
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.90	< 0.17	1.7	1.2	< 0.17	0.29	< 0.86	< 0.16	2.8
Naphthalene	-	17	< 1.1	< 0.21	< 0.19	0.13 J	< 0.21	< 0.19	< 1.1	< 0.20	0.59 J
Phenanthrene	-	-	0.29 J	< 0.13	1.2	3.4	< 0.12	0.32	< 0.64	< 0.12	7.6
Pyrene	-	23000	0.36 J	< 0.13	4.8	4.6	< 0.12	0.74	< 0.64	0.040 J	10
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	3.1 J	2.3 J	< 2.9	< 2.9	2.8 J	< 2.7	3.5	2.3 J	< 2.8
Diesel Range Organics (C9-C44)	100	-	54,000	95.2	988	4,300	709	22.0 J	862	736	94.4

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-031 07/08/2015 DP-031-SO-100-01 Primary 10	DP-031 07/08/2015 DP-031-SO-110-01 Primary 11	DP-031 07/08/2015 DP-031-SO-110-02 Duplicate 11	DP-032 07/08/2015 DP-032-SO-010-01 Primary 1	DP-032 07/08/2015 DP-032-SO-105-01 Primary 10.5	DP-032 07/08/2015 DP-032-SO-110-01 Primary 11	DP-039 07/09/2015 DP-039-SO-010-01 Primary 1	DP-039 07/09/2015 DP-039-SO-050-01 Primary 5	DP-039 07/09/2015 DP-039-SO-050-02 Duplicate 5
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	12,000	9,300	10,000	5,600	13,000	12,000	6,300	6,600	6,600
Antimony, Total	-	470	2.0 J	< 4.8	< 4.7	2.0 J	< 4.8	< 4.9	1.1 J	160	190
Arsenic, Total	-	3	5.4	2.6	2.4	3.6	4.4	5.9	4.3	10	12
Barium, Total	-	220000	56	40	60	87	100	66	84	230	200
Beryllium, Total	-	2300	0.62	0.63	0.58	0.29 J	0.52	0.74	0.34 J	0.56	0.61
Cadmium, Total	-	980	< 1.2	< 0.96	< 0.94	1.2	0.26 J	< 0.98	0.2 J	0.31 J	0.3 J
Calcium, Total	-	-	2,800	690	720	25,000	3,200	1,200	26,000	7,300	7,800
Chromium, Total	-	-	22	14	17	21	28	23	14	20	17
Cobalt, Total	-	350	12	14	11	5.6	6	9.7	6.0	7.4	8.6
Copper, Total	-	47000	18	15	15	100	40	17	29	140	220
Iron, Total	-	820000	29,000	24,000	24,000	21,000	31,000	30,000	16,000	20,000	18,000
Lead, Total	-	800	36	17	15	230	200	19	110	2,400	2,400
Magnesium, Total	-	-	1,800	1,600	1,700	2,800	1,200	1,600	3,300	1,200	1,100
Manganese, Total	-	26000	170	460	370	190	180	190	320	320	300
Mercury, Total	-	40	0.12	< 0.080	< 0.08	0.11	0.71	0.07 J	0.25	2.9	1.2
Nickel, Total	-	22000	11	10	11	24	9.6	12	7.7	12	14
Potassium, Total	-	-	680	430	460	630	820	780	710	670	650
Selenium, Total	-	5800	< 2.5	< 1.9	< 1.9	< 1.7	0.4 J	< 2.0	< 1.7	0.38 J	0.30 J
Silver, Total	-	5800	< 1.2	< 0.96	< 0.94	0.26 J	< 0.97	< 0.98	< 0.86	0.62 J	0.44 J
Sodium, Total	-	-	110 J	71 J	78 J	53 J	120 J	83 J	56 J	86 J	89 J
Thallium, Total	-	12	< 2.5	< 1.9	< 1.9	< 1.7	< 1.9	< 2.0	< 1.7	< 1.8	< 1.9
Vanadium, Total	-	5800	34	26	27	24	42	34	24	24	22
Zinc, Total	-	350000	56	34	35	230	280	40	80	240	380
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	0.0157 J	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	0.0232 J	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	< 0.0371	< 0.0419	-	< 0.037	< 0.0396	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	0.0389 J	< 0.0419	-	< 0.037	< 0.0396	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-031 07/08/2015 DP-031-SO-100-01 Primary 10	DP-031 07/08/2015 DP-031-SO-110-01 Primary 11	DP-031 07/08/2015 DP-031-SO-110-02 Duplicate 11	DP-032 07/08/2015 DP-032-SO-010-01 Primary 1	DP-032 07/08/2015 DP-032-SO-105-01 Primary 10.5	DP-032 07/08/2015 DP-032-SO-110-01 Primary 11	DP-039 07/09/2015 DP-039-SO-010-01 Primary 1	DP-039 07/09/2015 DP-039-SO-050-01 Primary 5	DP-039 07/09/2015 DP-039-SO-050-02 Duplicate 5
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.26	< 0.20	< 0.20	< 0.18	< 0.21	< 0.21	< 1.9	< 0.20	< 0.20
2-Methylnaphthalene	-	3000	< 0.31	< 0.24	< 0.24	< 0.22	0.18 J	< 0.25	< 2.2	< 0.24	< 0.24
Acenaphthene	-	45000	< 0.21	< 0.16	< 0.16	< 0.15	0.52	< 0.16	2.7	0.071 J	0.14 J
Acenaphthylene	-	-	< 0.21	< 0.16	< 0.16	< 0.15	< 0.16	< 0.16	< 1.5	< 0.16	0.037 J
Anthracene	-	230000	< 0.16	< 0.12	< 0.12	0.062 J	1.4	< 0.12	5.6	0.15	0.32
Benzo(a)anthracene	-	2.9	< 0.16	< 0.12	< 0.12	0.32	2.1	< 0.12	11	0.38	0.90
Benzo(a)pyrene	-	0.29	< 0.21	< 0.16	< 0.16	0.28	1.8	< 0.16	9.4	0.31	0.73
Benzo(b)fluoranthene	-	2.9	< 0.16	< 0.12	< 0.12	0.38	2	< 0.12	7.2	0.41	0.95
Benzo(g,h,i)perylene	-	-	< 0.21	< 0.16	< 0.16	0.17	1	< 0.16	5.2	0.19	0.43
Benzo(k)fluoranthene	-	29	< 0.16	< 0.12	< 0.12	0.14	0.88	< 0.12	7.4	0.16	0.37
Chrysene	-	290	< 0.16	< 0.12	< 0.12	0.30	2.0	< 0.12	9.8	0.38	0.90
Dibenz(a,h)anthracene	-	0.29	< 0.16	< 0.12	< 0.12	0.054 J	0.26	< 0.12	1.7	0.052 J	0.11 J
Fluoranthene	-	30000	< 0.16	< 0.12	< 0.12	0.54	5.8	< 0.12	25	0.76	2.4
Fluorene	-	30000	< 0.26	< 0.20	< 0.20	< 0.18	0.52	< 0.21	2.0	< 0.20	0.11 J
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.21	< 0.16	< 0.16	0.20	1.2	< 0.16	5.3	0.21	0.49
Naphthalene	-	17	< 0.26	< 0.20	< 0.20	< 0.18	0.39	< 0.21	< 1.9	< 0.20	< 0.20
Phenanthrene	-	-	< 0.16	< 0.12	< 0.12	0.21	4.6	< 0.12	20	0.63	1.5
Pyrene	-	23000	< 0.16	< 0.12	< 0.12	0.46	4.9	< 0.12	20	0.66	2.0
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	1.3 J	< 3.0	< 2.9	< 2.7	1.8 J	1.1 J	< 2.7	< 2.8	< 2.9
Diesel Range Organics (C9-C44)	100	-	1,110	128	125	256	66.1	98.7	1,780	59.8	120

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-039 07/09/2015 DP-039-SO-100-01 Primary 10	DP-040 07/09/2015 DP-040-SO-010-01 Primary 1	DP-040 07/09/2015 DP-040-SO-050-01 Primary 5	DP-040 07/09/2015 DP-040-SO-100-01 Primary 10	DP-040 07/09/2015 DP-040-SO-100-02 Duplicate 10	DP-041 07/09/2015 DP-041-SO-010-01 Primary 1	DP-041 07/09/2015 DP-041-SO-050-01 Primary 5	DP-041 07/09/2015 DP-041-SO-100-01 Primary 10	DP-042 07/09/2015 DP-042-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	8,300	7,500	5,200	6,100	7,100	7,600	8,600	9,600	7,000
Antimony, Total	-	470	0.94 J	< 4.7	1.7 J	< 5.4	4.3 J	< 4.7	0.84 J	< 4.8	< 4.5
Arsenic, Total	-	3	4.5	4.4	17	8.3	14	5.7	17	3.7	6.6
Barium, Total	-	220000	77	82	360	220	520	110	200	69	120
Beryllium, Total	-	2300	0.83	0.36 J	0.52	0.53 J	0.74	0.49	0.73	0.78	0.42 J
Cadmium, Total	-	980	< 0.97	0.18 J	0.34 J	0.090 J	0.44 J	< 0.94	< 1.0	< 0.97	< 0.90
Calcium, Total	-	-	1,600	37,000	9,700	7,200	12,000	10,000	7,300	1,300	19,000
Chromium, Total	-	-	19	14	12	10	22	13	14	15	11
Cobalt, Total	-	350	15	5.8	6.4	6.6	11	5.5	8.1	10	5.1
Copper, Total	-	47000	19	26	160	31	240	33	43	11	30
Iron, Total	-	820000	18,000	16,000	9,600	7,400	19,000	16,000	18,000	17,000	13,000
Lead, Total	-	800	59	120	700	64	500	150	310	35	140
Magnesium, Total	-	-	870	2,600	630	620	970	1,000	920	910	1,200
Manganese, Total	-	26000	340	240	210	110	280	260	290	190	190
Mercury, Total	-	40	0.32	0.28	0.91	0.13	3.3	0.26	1.2	0.18	0.57
Nickel, Total	-	22000	8.6	8.1	18	14	20	8.8	12	7.3	8.9
Potassium, Total	-	-	650	860	520	760	700	790	920	640	960
Selenium, Total	-	5800	0.69 J	< 1.9	0.48 J	< 2.2	0.6 J	< 1.9	0.41 J	0.50 J	0.41 J
Silver, Total	-	5800	< 0.97	< 0.93	0.46 J	< 1.1	0.48 J	< 0.94	0.25 J	< 0.97	< 0.9
Sodium, Total	-	-	75 J	50 J	220	420	530	120 J	170 J	92 J	170 J
Thallium, Total	-	12	< 1.9	< 1.9	< 2.1	< 2.2	< 2.2	< 1.9	< 2.0	< 1.9	< 1.8
Vanadium, Total	-	5800	29	22	21	22	37	24	33	26	21
Zinc, Total	-	350000	50	77	310	120	320	96	140	32	100
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	< 0.0399	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	< 0.0399	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	< 0.0399	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-039 07/09/2015 DP-039-SO-100-01 Primary 10	DP-040 07/09/2015 DP-040-SO-010-01 Primary 1	DP-040 07/09/2015 DP-040-SO-050-01 Primary 5	DP-040 07/09/2015 DP-040-SO-100-01 Primary 10	DP-040 07/09/2015 DP-040-SO-100-02 Duplicate 10	DP-041 07/09/2015 DP-041-SO-010-01 Primary 1	DP-041 07/09/2015 DP-041-SO-050-01 Primary 5	DP-041 07/09/2015 DP-041-SO-100-01 Primary 10	DP-042 07/09/2015 DP-042-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.20	< 0.39	< 0.21	< 0.23	< 0.22	< 0.39	< 0.21	< 0.20	< 3.8
2-Methylnaphthalene	-	3000	< 0.25	1.6	< 0.26	< 0.28	< 0.27	< 0.47	< 0.25	< 0.24	< 4.6
Acenaphthene	-	45000	< 0.16	2.5	< 0.17	< 0.19	< 0.18	< 0.31	0.083 J	< 0.16	0.94 J
Acenaphthylene	-	-	< 0.16	0.15 J	< 0.17	< 0.19	< 0.18	0.28 J	0.52	< 0.16	17
Anthracene	-	230000	< 0.12	8.6	0.15	< 0.14	0.054 J	0.30	0.46	< 0.12	9.6
Benzo(a)anthracene	-	2.9	0.094 J	10	0.42	< 0.14	0.20	1.2	1.4	0.074 J	45
Benzo(a)pyrene	-	0.29	0.082 J	7.7	0.38	< 0.19	0.17 J	1.2	1.6	0.066 J	44
Benzo(b)fluoranthene	-	2.9	0.11 J	9.4	0.45	< 0.14	0.21	1.5	2.4	0.074 J	64
Benzo(g,h,i)perylene	-	-	0.05 J	3.9	0.19	< 0.19	0.11 J	0.72	1.0	< 0.16	27
Benzo(k)fluoranthene	-	29	0.039 J	3.9	0.19	< 0.14	0.084 J	0.69	0.68	< 0.12	23
Chrysene	-	290	0.086 J	9.0	0.43	< 0.14	0.18	1.2	1.5	0.073 J	44
Dibenz(a,h)anthracene	-	0.29	< 0.12	1.1	0.068 J	< 0.14	< 0.14	0.2 J	0.30	< 0.12	7.4
Fluoranthene	-	30000	0.12	26	0.70	< 0.14	0.41	2.0	2.3	0.12	84
Fluorene	-	30000	< 0.20	3.1	< 0.21	< 0.23	< 0.22	< 0.39	0.084 J	< 0.20	1.1 J
Indeno(1,2,3-cd)pyrene	-	2.9	0.054 J	4.8	0.22	< 0.19	0.12 J	0.79	1.1	< 0.16	31
Naphthalene	-	17	< 0.20	1.9	< 0.21	< 0.23	< 0.22	< 0.39	0.078 J	< 0.20	< 3.8
Phenanthrene	-	-	< 0.12	26	0.58	< 0.14	0.24	0.82	0.83	0.089 J	9.1
Pyrene	-	23000	0.10 J	20	0.60	< 0.14	0.35	1.9	2.4	0.10 J	75
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.7	< 2.7	3.1 J	< 3.2	< 3.2	< 2.8	< 2.9	< 3.0	< 2.9
Diesel Range Organics (C9-C44)	100	-	17.7 J	987	43.8	9.2 J	42.8 J	838	396	12.6 J	6,090

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-042 07/09/2015 DP-042-SO-050-01 Primary 5	DP-042 07/09/2015 DP-042-SO-100-01 Primary 10	DP-042 07/17/2015 DP-042-SO-010-02 Primary 1	DP-042 07/17/2015 DP-042-SO-050-02 Primary 5	DP-042 07/17/2015 DP-042-SO-100-02 Primary 10	DP-043 07/09/2015 DP-043-SO-010-01 Primary 1	DP-043 07/09/2015 DP-043-SO-050-01 Primary 5	DP-043 07/09/2015 DP-043-SO-100-01 Primary 10	DP-043 07/17/2015 DP-043-SO-010-02 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	8,900	9,100	9,600	8,300	5,600	9,300	7,400	8,700	5,700
Antimony, Total	-	470	< 5.5	< 5.0	< 4.6	< 5.2	< 4.8	< 4.6	< 4.7	< 4.8	< 4.2
Arsenic, Total	-	3	11	5.0	2.5	11	2.2	10	6.4	3.9	< 4.2
Barium, Total	-	220000	260	72	240	270	150	40	280	68	83
Beryllium, Total	-	2300	0.75	0.67	0.77	0.73	0.62	0.40 J	0.46 J	0.78	0.36 J
Cadmium, Total	-	980	< 1.1	< 1.0	< 0.91	0.13 J	< 0.97	< 0.92	< 0.94	< 0.96	< 0.85
Calcium, Total	-	-	18,000	2,200	24,000	11,000	5,400	8,400	31,000	1,400	10,000
Chromium, Total	-	-	12	15	24	16	9.8	26	12	16	14
Cobalt, Total	-	350	8.5	7.4	8.4	8.5	5.5	1.8	5.6	15	4.9
Copper, Total	-	47000	78	14	39	54	21	21	37	12	28
Iron, Total	-	820000	10,000	20,000	23,000	16,000	9,400	48,000	14,000	17,000	26,000
Lead, Total	-	800	380	35	140	400	230	23	300	48	120
Magnesium, Total	-	-	720	920	1,600	810	700	650	1,400	910	950
Manganese, Total	-	26000	180	250	310	240	150	67	220	890	210
Mercury, Total	-	40	0.19	0.21	0.18	0.08 J	0.18	0.29	0.48	0.19	0.30
Nickel, Total	-	22000	15	7.6	14	17	9.8	2.7	9.4	8.9	9.0
Potassium, Total	-	-	1,600	730	840	850	480	760	710	580	610
Selenium, Total	-	5800	0.5 J	1.2 J	< 1.8	< 2.1	< 1.9	0.78 J	0.48 J	0.31 J	< 1.7
Silver, Total	-	5800	< 1.1	< 1.0	< 0.91	< 1.0	< 0.97	< 0.92	< 0.94	< 0.96	< 0.85
Sodium, Total	-	-	870	110 J	290	920	310	28 J	190	78 J	61 J
Thallium, Total	-	12	< 2.2	< 2.0	< 1.8	< 2.1	< 1.9	< 1.8	< 1.9	< 1.9	< 1.7
Vanadium, Total	-	5800	31	27	37	33	17	53	23	25	34
Zinc, Total	-	350000	200	43	100	310	85	37	130	42	91
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	< 0.0375	< 0.0435	< 0.0427	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-042 07/09/2015 DP-042-SO-050-01 Primary 5	DP-042 07/09/2015 DP-042-SO-100-01 Primary 10	DP-042 07/17/2015 DP-042-SO-010-02 Primary 1	DP-042 07/17/2015 DP-042-SO-050-02 Primary 5	DP-042 07/17/2015 DP-042-SO-100-02 Primary 10	DP-043 07/09/2015 DP-043-SO-010-01 Primary 1	DP-043 07/09/2015 DP-043-SO-050-01 Primary 5	DP-043 07/09/2015 DP-043-SO-100-01 Primary 10	DP-043 07/17/2015 DP-043-SO-010-02 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.23	< 0.21	< 0.37	< 0.22	< 0.21	< 0.20	< 0.39	< 0.20	< 0.73
2-Methylnaphthalene	-	3000	< 0.27	< 0.25	< 0.45	< 0.27	< 0.25	< 0.23	< 0.47	< 0.24	< 0.88
Acenaphthene	-	45000	< 0.18	< 0.17	0.20 J	< 0.18	< 0.17	0.055 J	0.1 J	< 0.16	< 0.59
Acenaphthylene	-	-	0.17 J	0.072 J	0.85	< 0.18	< 0.17	0.051 J	0.21 J	< 0.16	0.16 J
Anthracene	-	230000	< 0.14	< 0.12	0.94	0.092 J	< 0.13	0.13	0.34	< 0.12	0.26 J
Benzo(a)anthracene	-	2.9	0.048 J	0.10 J	2.6	0.21	< 0.13	0.44	1.0	0.055 J	0.76
Benzo(a)pyrene	-	0.29	< 0.18	0.094 J	2.8	0.19	< 0.17	0.40	1.0	< 0.16	0.71
Benzo(b)fluoranthene	-	2.9	0.068 J	0.12	2.5	0.16	< 0.13	0.52	1.3	0.062 J	0.66
Benzo(g,h,i)perylene	-	-	< 0.18	0.062 J	1.8	0.11 J	< 0.17	0.23	0.68	< 0.16	0.47 J
Benzo(k)fluoranthene	-	29	< 0.14	0.046 J	2.5	0.17	< 0.13	0.20	0.57	< 0.12	0.56
Chrysene	-	290	0.045 J	0.096 J	2.6	0.20	< 0.13	0.42	1.1	0.049 J	0.71
Dibenz(a,h)anthracene	-	0.29	< 0.14	< 0.12	0.68	< 0.13	< 0.13	0.058 J	0.17 J	< 0.12	< 0.44
Fluoranthene	-	30000	0.056 J	0.17	4.0	0.47	< 0.13	0.84	1.9	0.080 J	1.2
Fluorene	-	30000	< 0.23	< 0.21	0.15 J	< 0.22	< 0.21	< 0.20	< 0.39	< 0.20	< 0.73
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.18	0.074 J	1.7	0.10 J	< 0.17	0.27	0.76	< 0.16	0.41 J
Naphthalene	-	17	< 0.23	< 0.21	0.13 J	< 0.22	< 0.21	< 0.20	< 0.39	< 0.20	< 0.73
Phenanthrene	-	-	< 0.14	0.075 J	1.8	0.41	< 0.13	0.47	1.1	0.040 J	0.69
Pyrene	-	23000	0.052 J	0.14	3.7	0.37	< 0.13	0.73	1.8	0.070 J	1.1
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.3	< 3.0	< 2.7	< 3.3	< 3.0	< 2.8	0.70 J	< 2.7	< 2.5
Diesel Range Organics (C9-C44)	100	-	62.6	24.8 J	494	10.4 J	< 40.8	78.5	304	71.5	1,910

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-043 07/17/2015 DP-043-SO-050-02 Primary 5	DP-043 07/17/2015 DP-043-SO-100-02 Primary 10	DP-044 07/09/2015 DP-044-SO-010-01 Primary 1	DP-044 07/09/2015 DP-044-SO-050-01 Primary 5	DP-044 07/09/2015 DP-044-SO-100-01 Primary 10	DP-044 07/17/2015 DP-044-SO-010-02 Primary 1	DP-044 07/17/2015 DP-044-SO-050-02 Primary 5	DP-044 07/17/2015 DP-044-SO-100-02 Primary 10	DP-045 07/09/2015 DP-045-SO-010-01 Primary 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	6,500	8,300	7,100	6,800	7,900	7,300	7,700	7,100	8,100
Antimony, Total	-	470	< 4.5	< 5.1	< 4.4	< 5.2	43	< 4.3	< 5.2	< 5.0	< 4.4
Arsenic, Total	-	3	3.9	< 1.0	4.8	10	14	1.9	8.8	5.0	5.1
Barium, Total	-	220000	170	140	90	280	250	120	320	200	66
Beryllium, Total	-	2300	0.56	0.57	0.49	0.78	0.70	0.44	0.77	0.57	0.38 J
Cadmium, Total	-	980	0.090 J	0.070 J	0.13 J	0.24 J	0.20 J	0.14 J	0.08 J	0.13 J	0.15 J
Calcium, Total	-	-	27,000	5,000	10,000	6,500	6,300	18,000	8,900	35,000	13,000
Chromium, Total	-	-	14	18	16	13	12	15	17	14	21
Cobalt, Total	-	350	6.2	7.2	13	9.9	7.6	6.5	9.0	8.0	5.6
Copper, Total	-	47000	43	100	43	48	260	120	77	47	24
Iron, Total	-	820000	13,000	20,000	20,000	12,000	8,400	15,000	9,600	12,000	26,000
Lead, Total	-	800	260	320	150	300	5,100	160	490	240	68
Magnesium, Total	-	-	2,400	1,100	1,000	580	690	1,500	660	920	1,000
Manganese, Total	-	26000	180	690	340	190	150	210	180	200	230
Mercury, Total	-	40	0.30	1.6	0.32	0.17	0.080 J	0.090	0.19	0.16	0.22
Nickel, Total	-	22000	13	10	10	17	15	11	18	13	7.9
Potassium, Total	-	-	800	640	470	610	820	670	770	860	500
Selenium, Total	-	5800	< 1.8	< 2.0	< 1.8	< 2.1	< 2.3	< 1.7	< 2.1	0.40 J	< 1.8
Silver, Total	-	5800	< 0.90	< 1.0	< 0.88	< 1.0	1.3	< 0.86	< 1.0	< 1.0	< 0.88
Sodium, Total	-	-	160 J	190 J	54 J	250	380	78 J	280	600	35 J
Thallium, Total	-	12	< 1.8	< 2.0	< 1.8	< 2.1	< 2.3	< 1.7	< 2.1	< 2.0	< 1.8
Vanadium, Total	-	5800	26	27	28	32	40	24	36	30	34
Zinc, Total	-	350000	110	170	85	160	90	95	120	110	53
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	-	-	-	-	-	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-043 07/17/2015 DP-043-SO-050-02 Primary 5	DP-043 07/17/2015 DP-043-SO-100-02 Primary 10	DP-044 07/09/2015 DP-044-SO-010-01 Primary 1	DP-044 07/09/2015 DP-044-SO-050-01 Primary 5	DP-044 07/09/2015 DP-044-SO-100-01 Primary 10	DP-044 07/17/2015 DP-044-SO-010-02 Primary 1	DP-044 07/17/2015 DP-044-SO-050-02 Primary 5	DP-044 07/17/2015 DP-044-SO-100-02 Primary 10	DP-045 07/09/2015 DP-045-SO-010-01 Primary 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.19	< 0.22	< 0.19	< 0.22	< 0.24	< 0.37	< 0.23	< 0.22	< 0.38
2-Methylnaphthalene	-	3000	< 0.23	< 0.27	0.13 J	< 0.26	< 0.29	< 0.45	< 0.28	< 0.26	< 0.46
Acenaphthene	-	45000	0.067 J	0.19	0.71	< 0.17	< 0.19	0.46	< 0.18	< 0.17	0.63
Acenaphthylene	-	-	0.50	0.049 J	0.47	< 0.17	< 0.19	0.32	< 0.18	< 0.17	0.38
Anthracene	-	230000	0.37	0.75	1.9	< 0.13	< 0.14	1.1	< 0.14	< 0.13	1.7
Benzo(a)anthracene	-	2.9	1.2	1.4	5.4	< 0.13	< 0.14	3.1	0.055 J	< 0.13	4.4
Benzo(a)pyrene	-	0.29	1.4	1.3	4.8	< 0.17	< 0.19	2.8	< 0.18	< 0.17	4.2
Benzo(b)fluoranthene	-	2.9	1.3	1.0	6.4	< 0.13	< 0.14	2.5	< 0.14	< 0.13	5.3
Benzo(g,h,i)perylene	-	-	0.93	0.72	3.1	< 0.17	< 0.19	1.5	< 0.18	< 0.17	2.5
Benzo(k)fluoranthene	-	29	1.2	1.0	2.2	< 0.13	< 0.14	2.4	< 0.14	< 0.13	1.9
Chrysene	-	290	1.2	1.2	5.3	< 0.13	< 0.14	2.9	0.055 J	< 0.13	4.1
Dibenz(a,h)anthracene	-	0.29	0.34	0.24	0.92	< 0.13	< 0.14	0.64	< 0.14	< 0.13	0.70
Fluoranthene	-	30000	1.7	3.0	14	< 0.13	< 0.14	5.1	0.10 J	< 0.13	8.0
Fluorene	-	30000	< 0.19	0.16 J	0.39	< 0.22	< 0.24	0.32 J	< 0.23	< 0.22	0.41
Indeno(1,2,3-cd)pyrene	-	2.9	0.86	0.68	3.8	< 0.17	< 0.19	1.5	< 0.18	< 0.17	2.9
Naphthalene	-	17	< 0.19	< 0.22	0.21	< 0.22	< 0.24	0.13 J	< 0.23	< 0.22	0.16 J
Phenanthrene	-	-	0.54	2.6	4.6	< 0.13	< 0.14	3.2	0.079 J	< 0.13	4.8
Pyrene	-	23000	1.6	2.5	12	< 0.13	< 0.14	4.3	0.090 J	< 0.13	7.1
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 2.8	< 3.1	< 2.8	< 3.3	< 3.4	< 2.7	< 3.3	< 3.0	< 2.9
Diesel Range Organics (C9-C44)	100	-	286	11.1 J	1,100	9.88 J	5.69 J	496	6.51 J	< 42.7	1,350

NOTES

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

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-045 07/09/2015 DP-045-SO-050-01 Primary 5	DP-045 07/09/2015 DP-045-SO-100-01 Primary 10	DP-045 07/17/2015 DP-045-SO-010-02 Primary 1	DP-045 07/17/2015 DP-045-SO-050-02 Primary 5	DP-045 07/17/2015 DP-045-SO-100-02 Primary 10	DP-046 07/09/2015 DP-046-SO-010-01 Primary 1	DP-046 07/09/2015 DP-046-SO-100-01 Primary 10	DP-047 07/10/2015 DP-047-SO-010-01 Primary 1	DP-047 07/10/2015 DP-047-SO-010-02 Duplicate 1
Inorganic Compounds (mg/kg)											
Aluminum, Total	-	1.10E+06	6,200	8,300	7,800	7,900	8,900	7,600	8,400	8,100	12,000
Antimony, Total	-	470	1.0 J	< 4.6	7.2	< 5.0	< 4.9	< 4.9	< 5.0	< 4.3	< 4.7
Arsenic, Total	-	3	10	6.3	9.8	5.5	2.1	8.2	5.6	10	10
Barium, Total	-	220000	380	100	110	210	97	290	79	77	89
Beryllium, Total	-	2300	0.59	0.66	0.58	0.83	0.70	0.55	0.84	0.41 J	0.48
Cadmium, Total	-	980	0.30 J	< 0.92	0.49 J	0.10 J	< 0.97	< 0.99	< 0.99	< 0.86	< 0.93
Calcium, Total	-	-	9,500	2,200	17,000	5,600	1,700	52,000	1,600	14,000	5,000
Chromium, Total	-	-	13	14	16	14	18	12	15	13	18
Cobalt, Total	-	350	8.4	9.4	7.2	8.0	16	5.5	13	5.2	5.5
Copper, Total	-	47000	41	28	33	56	28	33	15	13	21
Iron, Total	-	820000	9,000	20,000	16,000	9,300	14,000	16,000	18,000	13,000	16,000
Lead, Total	-	800	400	60	160	250	100	380	55	59	77
Magnesium, Total	-	-	640	760	1,600	600	920	1,200	800	900	1,000
Manganese, Total	-	26000	190	540	290	220	140	220	340	240	240
Mercury, Total	-	40	0.38	0.31	0.21	0.05 J	0.20	0.20	0.26	0.12	0.49
Nickel, Total	-	22000	17	7.4	15	17	10	9.6	7.2	7.0	8.2
Potassium, Total	-	-	700	780	770	1,000	690	830	600	570	700
Selenium, Total	-	5800	< 2.1	1.3 J	< 8.6	< 2.0	0.92 J	0.75 J	0.73 J	< 1.7	< 1.9
Silver, Total	-	5800	< 1.0	< 0.92	< 0.86	< 0.99	< 0.97	< 0.99	< 0.99	< 0.86	< 0.93
Sodium, Total	-	-	280	160 J	110 J	280	160 J	140 J	81 J	37 J	36 J
Thallium, Total	-	12	< 2.1	< 1.8	< 1.7	< 2.0	< 1.9	< 2.0	< 2.0	< 1.7	< 1.9
Vanadium, Total	-	5800	29	27	28	25	30	27	29	23	29
Zinc, Total	-	350000	360	94	98	130	57	100	52	66	84
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	-	30	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-	< 0.0357	< 0.0429	< 0.0412	< 0.0394	< 0.040	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 WASHINGTON, D.C.

Location	DC Tier 0 Soil Standards ¹	EPA Regional Screening Level for Industrial Soil ²	DP-045 07/09/2015 DP-045-SO-050-01 Primary 5	DP-045 07/09/2015 DP-045-SO-100-01 Primary 10	DP-045 07/17/2015 DP-045-SO-010-02 Primary 1	DP-045 07/17/2015 DP-045-SO-050-02 Primary 5	DP-045 07/17/2015 DP-045-SO-100-02 Primary 10	DP-046 07/09/2015 DP-046-SO-010-01 Primary 1	DP-046 07/09/2015 DP-046-SO-100-01 Primary 10	DP-047 07/10/2015 DP-047-SO-010-01 Primary 1	DP-047 07/10/2015 DP-047-SO-010-02 Duplicate 1
Semi-Volatile Organic Compounds (mg/kg)											
2-Chloronaphthalene	-	93000	< 0.23	< 0.20	< 0.75	< 0.43	< 0.21	< 0.20	< 0.20	< 0.19	< 0.19
2-Methylnaphthalene	-	3000	< 0.27	< 0.24	< 0.90	< 0.52	< 0.25	0.07 J	< 0.24	< 0.23	< 0.23
Acenaphthene	-	45000	< 0.18	< 0.16	0.37 J	0.30 J	< 0.17	0.29	< 0.16	0.14 J	0.12 J
Acenaphthylene	-	-	0.13 J	< 0.16	0.2 J	0.87	0.046 J	0.15 J	< 0.16	0.059 J	0.04 J
Anthracene	-	230000	0.41	0.059 J	1.0	2.8	0.076 J	0.71	< 0.12	0.37	0.26
Benzo(a)anthracene	-	2.9	0.83	0.22	3.0	5.5	0.37	1.5	0.11 J	1.4	0.85
Benzo(a)pyrene	-	0.29	0.64	0.19	3.0	4.2	0.36	1.4	0.089 J	1.2	0.80
Benzo(b)fluoranthene	-	2.9	0.82	0.27	2.4	3.6	0.30	1.7	0.11 J	1.7	1.1
Benzo(g,h,i)perylene	-	-	0.40	0.12 J	1.8	2.2	0.22	0.84	0.052 J	0.71	0.46
Benzo(k)fluoranthene	-	29	0.34	0.10 J	2.7	4.0	0.34	0.72	0.046 J	0.68	0.37
Chrysene	-	290	0.80	0.25	2.8	5.0	0.34	1.5	0.10 J	1.5	0.92
Dibenz(a,h)anthracene	-	0.29	0.12 J	< 0.12	0.62	0.84	0.071 J	0.21	< 0.12	0.17	0.14
Fluoranthene	-	30000	1.6	0.47	5.3	10	0.65	3.3	0.20	2.8	1.7
Fluorene	-	30000	< 0.23	< 0.20	0.3 J	0.23 J	< 0.21	0.21	< 0.20	0.12 J	0.097 J
Indeno(1,2,3-cd)pyrene	-	2.9	0.46	0.13 J	1.7	2.2	0.21	0.97	0.053 J	0.80	0.52
Naphthalene	-	17	< 0.23	< 0.20	< 0.75	< 0.43	< 0.21	0.11 J	< 0.20	< 0.19	< 0.19
Phenanthrene	-	-	1.6	0.27	3.3	11	0.28	2.4	0.13	1.5	1.1
Pyrene	-	23000	1.3	0.40	4.5	8.4	0.53	2.9	0.17	2.6	1.5
Total Petroleum Hydrocarbons (mg/kg)											
Gasoline Range Organics (C6-C9)	100	-	< 3.4	< 3.0	0.67 J	< 3.1	< 2.7	< 2.9	< 3.0	< 2.4	< 2.9
Diesel Range Organics (C9-C44)	100	-	160	10.7 J	1,410	355	13.0 J	842	11.7 J	148	155

NOTES

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

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 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-047 07/10/2015 DP-047-SO-050-01 Primary 5	DP-047 07/10/2015 DP-047-SO-100-01 Primary 10
Inorganic Compounds (mg/kg)				
Aluminum, Total	-	1.10E+06	17,000	11,000
Antimony, Total	-	470	< 4.6	< 4.4
Arsenic, Total	-	3	14	13
Barium, Total	-	220000	84	53
Beryllium, Total	-	2300	0.57	0.64
Cadmium, Total	-	980	< 0.92	< 0.88
Calcium, Total	-	-	1,800	1,800
Chromium, Total	-	-	19	18
Cobalt, Total	-	350	11	7.4
Copper, Total	-	47000	16	63
Iron, Total	-	820000	27,000	24,000
Lead, Total	-	800	2.4 J	64
Magnesium, Total	-	-	2,000	720
Manganese, Total	-	26000	520	390
Mercury, Total	-	40	0.06 J	1.3
Nickel, Total	-	22000	15	9.2
Potassium, Total	-	-	860	560
Selenium, Total	-	5800	< 1.8	< 1.8
Silver, Total	-	5800	< 0.92	< 0.88
Sodium, Total	-	-	30 J	100 J
Thallium, Total	-	12	< 1.8	< 1.8
Vanadium, Total	-	5800	33	31
Zinc, Total	-	350000	60	86
PCBs (mg/kg)				
Aroclor-1016 (PCB-1016)	-	30	-	-
Aroclor-1221 (PCB-1221)	-	0.66	-	-
Aroclor-1232 (PCB-1232)	-	0.66	-	-
Aroclor-1242 (PCB-1242)	-	1	-	-
Aroclor-1248 (PCB-1248)	-	1	-	-
Aroclor-1254 (PCB-1254)	-	1	-	-
Aroclor-1260 (PCB-1260)	-	1	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-
Polychlorinated biphenyls (PCBs)	-	1	-	-

TABLE 1
 SUMMARY OF SOIL ANALYTICAL RESULTS - METALS, PCBs, PAHs, AND TPH
 ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 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-047 07/10/2015 DP-047-SO-050-01 Primary 5	DP-047 07/10/2015 DP-047-SO-100-01 Primary 10
Semi-Volatile Organic Compounds (mg/kg)				
2-Chloronaphthalene	-	93000	< 0.19	< 0.19
2-Methylnaphthalene	-	3000	< 0.23	< 0.23
Acenaphthene	-	45000	< 0.16	< 0.16
Acenaphthylene	-	-	< 0.16	< 0.16
Anthracene	-	230000	< 0.12	< 0.12
Benzo(a)anthracene	-	2.9	< 0.12	< 0.12
Benzo(a)pyrene	-	0.29	< 0.16	< 0.16
Benzo(b)fluoranthene	-	2.9	< 0.12	< 0.12
Benzo(g,h,i)perylene	-	-	< 0.16	< 0.16
Benzo(k)fluoranthene	-	29	< 0.12	< 0.12
Chrysene	-	290	< 0.12	< 0.12
Dibenz(a,h)anthracene	-	0.29	< 0.12	< 0.12
Fluoranthene	-	30000	< 0.12	0.038 J
Fluorene	-	30000	< 0.19	< 0.19
Indeno(1,2,3-cd)pyrene	-	2.9	< 0.16	< 0.16
Naphthalene	-	17	< 0.19	< 0.19
Phenanthrene	-	-	< 0.12	< 0.12
Pyrene	-	23000	< 0.12	< 0.12
Total Petroleum Hydrocarbons (mg/kg)				
Gasoline Range Organics (C6-C9)	100	-	< 2.7	< 2.7
Diesel Range Organics (C9-C44)	100	-	7.01 J	< 38.9

NOTES

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

TABLE 2

SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs

ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
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-025 07/07/2015 DP-025-SO-100-01 Primary 10
Volatile Organic Compounds (mg/kg)			
1,1,1-Trichloroethane	-	36000	< 0.0012
1,1,2,2-Tetrachloroethane	-	2.7	< 0.0012
1,1,2-Trichloroethane	-	5	< 0.0018
1,1-Dichloroethane	-	16	< 0.0018
1,1-Dichloroethene	-	1000	< 0.0012
1,2,3-Trichlorobenzene	-	660	< 0.0062
1,2,4-Trichlorobenzene	-	110	< 0.0062
1,2-Dibromo-3-chloropropane (DBCP)	-	0.064	< 0.0062
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	< 0.0049
1,2-Dichlorobenzene	-	9300	< 0.0062
1,2-Dichloroethane	-	2	< 0.0012
1,2-Dichloroethene (total)	-	-	< 0.0012
1,2-Dichloropropane	-	4.4	< 0.0043
1,3-Dichlorobenzene	-	-	< 0.0062
1,3-Dichloropropene	-	8.2	< 0.0012
1,4-Dichlorobenzene	-	11	< 0.0062
1,4-Dioxane	-	23	< 0.12
2-Butanone (Methyl Ethyl Ketone)	-	190000	0.0040 J
2-Hexanone	-	1300	< 0.012
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	56000	< 0.012
Acetone	-	670000	0.039 J
Benzene	0.005	5.1	< 0.0012
Bromodichloromethane	-	1.3	< 0.0012
Bromoform	-	290	< 0.0049
Bromomethane (Methyl Bromide)	-	30	< 0.0025
Carbon disulfide	-	3500	< 0.012
Carbon tetrachloride	-	2.9	< 0.0012
Chlorobenzene	-	1300	< 0.0012
Chlorobromomethane	-	630	< 0.0062
Chloroethane	-	57000	< 0.0025
Chloroform (Trichloromethane)	-	1.4	< 0.0018
Chloromethane (Methyl Chloride)	-	460	< 0.0062
cis-1,2-Dichloroethene	-	2300	< 0.0012
cis-1,3-Dichloropropene	-	-	< 0.0012
Cyclohexane	-	27000	< 0.025
Dibromochloromethane	-	3.2	< 0.0012
Dichlorodifluoromethane (CFC-12)	-	370	< 0.012
Ethylbenzene	0.04	25	< 0.0012
Isopropylbenzene	-	9900	< 0.0012
m,p-Xylenes	-	-	< 0.0025
Methyl acetate	-	1.20E+06	< 0.0049

TABLE 2

SUMMARY OF SOIL ANALYTICAL RESULTS - VOCs

ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
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-025 07/07/2015 DP-025-SO-100-01 Primary 10
Methyl cyclohexane	-	-	< 0.0049
Methyl Tert Butyl Ether	-	210	< 0.0025
Methylene chloride	-	1000	< 0.0062
o-Xylene	-	2800	< 0.0025
Styrene	-	35000	< 0.0025
Tetrachloroethene	-	100	< 0.0012
Toluene	9.6	47000	< 0.0018
trans-1,2-Dichloroethene	-	23000	< 0.0018
trans-1,3-Dichloropropene	-	-	< 0.0012
Trichloroethene	-	6	< 0.0012
Trichlorofluoromethane (CFC-11)	-	3100	< 0.0062
Trifluorotrchloroethane (Freon 113)	-	170000	< 0.025
Vinyl chloride	-	1.7	< 0.0025
Xylene (total)	3.86	2500	< 0.0025

NOTES

Bold where detected; highlighted where exceeds

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

VOCs = volatile organic compounds

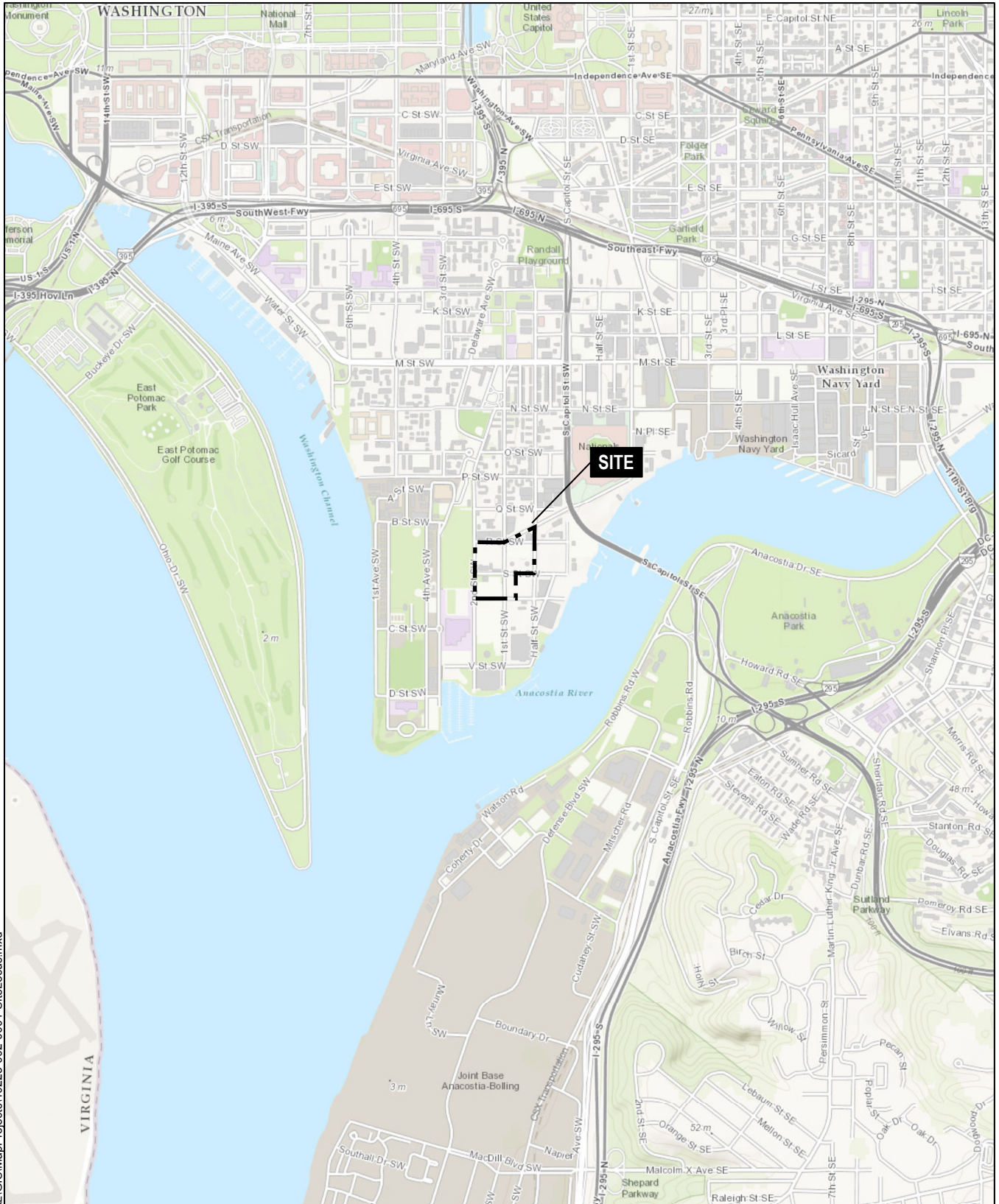
- DC Tier 0 Standards from the Tier 0 Standard Final Rulemaking published at 40 DCR 7835, 7892 (November 12, 1993); as amended by Final Rulemaking published at 46 DCR 7699 (October 1, 1999)
- United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) Summary Table (January 2015)

TABLE 3
ORDER OF MAGNITUDE SOIL REMEDIATION COSTS
ROLLINGWOOD REAL ESTATE, LLC, PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
WASHINGTON, D.C.

Areas 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 Locations SB-1 and GTW-605-7-2	TPH-DRO, PAHs, and metals were detected in soil samples above soil screening levels <u>Boring Locations</u> DP-025 through DP-032	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	\$ 56,260	Localized impacted soil with concentrations of PAHs and TPH-DRO requires off-site disposal (approximately 296 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 120,100	Impacted soil with concentrations of metals, PAHs, and TPH-DRO requires off-site disposal (approximately 889 cubic yards). Estimate \$45.00 per ton for transportation and disposal.
Historical Boring Locations SB-2, SB-3, SB-4	TPH-DRO, PAHs, and metals were detected in soil samples above soil screening levels <u>Boring Locations</u> DP-003 through DP-011, DP-047 DP-016 through DP-024 DP-039 through DP-046	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	\$ 145,060	Localized impacted soil with concentrations of PAHs and TPH-DRO requires off-site disposal (approximately 1,778 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.	\$ 390,700	Impacted soil with concentrations of metals, PAHs, and TPH-DRO requires off-site disposal (approximately 4,000 cubic yards). Estimate \$45.00 per ton for transportation and disposal.
Historical Boring Location GTW-605-7-1	TPH-DRO and PAHs were detected in soil samples above soil screening levels <u>Boring Locations</u> DP-012 through DP-015	Soil excavated during construction with 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	\$ 77,020	Localized impacted soil with concentrations of PAHs and TPH-DRO requires off-site disposal (approximately 593 cubic yards) and a site-specific background metals evaluation is performed to verify that concentrations of arsenic in soil are within background levels. Estimate \$27.50 per ton for transportation and disposal.	\$ 158,545	Impacted soil with concentrations of TPH-DRO and PAHs requires off-site disposal (approximately 1,333 cubic yards). Estimate \$45.00 per ton for transportation and disposal.
Order of Magnitude Cost Range for Impacts on Proposed Development from Identified Areas of Potential Concern:				10	\$ 280,000	to	\$ 870,000	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. Soil 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 = area 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 400 square feet of excavation bottom. Analyses based on chemicals exceeding soil 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**

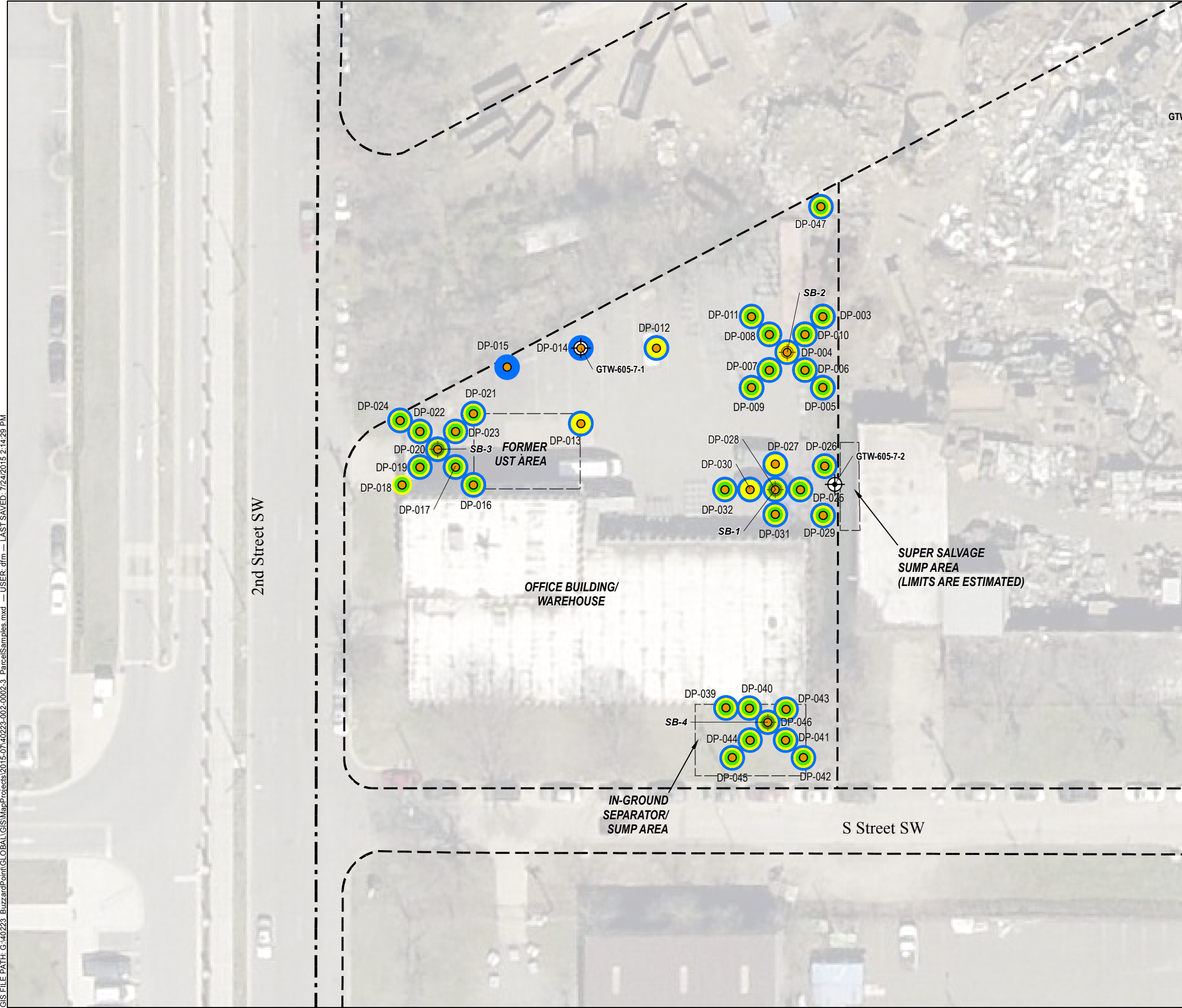
ROLLINGWOOD REAL ESTATE, LLC
PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
WASHINGTON D.C.

SITE LOCUS

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

FIGURE 1

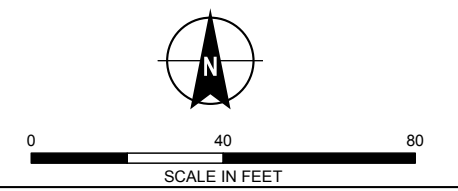
GIS FILE PATH: G:\40223_BuzzardPoint\GLOBAL\GIS\MapProjects\2015-07-40223-002-0002-3_ParcelSamples.mxd — USER: dfm — LAST SAVED: 7/24/2015 2:14:29 PM



LEGEND

- SB-1 WSP SOIL SAMPLE LOCATION AND ID (2011)
- GTW-605-7-1 HALEY & ALDRICH SOIL SAMPLE LOCATION AND ID (2013-2014)
- DP-040 HALEY & ALDRICH SOIL SAMPLE LOCATION AND ID (2015)
- ONE OR MORE METALS EXCEED SOIL SCREENING LEVELS
- ONE OR MORE 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 ROLLINGWOOD REAL ESTATE, LLC.
 PARCEL AT BUZZARD POINT, SQUARE 0605, LOT 0007
 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 06 July 2015
 Finish 06 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 45	0.5 1.0		0.5	SM	ASPHALT Yellow SAND with gravel, asphalt and brick
						-FILL-
5	G2 24	4.5 5.0		7.5	CL	Medium dense brown to yellow-brown CLAY, no odor, moist
10	G3 54	9.5 10.0		15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
							Boring No. DP-003	

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-004

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 06 July 2015
 Finish 06 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

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	0.5 1.0	ND	0.5	SM	ASPHALT Yellow SAND grades to asphalt and brick, no odor, moist
						-FILL-
5	G2	4.5 5.0	ND	5.0	SM	Gray gravelly SAND, petroleum-like odor, moist
10				10.0		BOTTOM OF EXPLORATION 10.0 FT
15						

C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: 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-004

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

GEOPROBE REPORT

Boring No. DP-005

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 06 July 2015
 Finish 06 July 2015

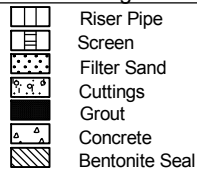
	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000

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
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1					ASPHALT
		0.5 1.0		0.5	SM	Medium dense yellow-brown SAND with gravel, moist
						-FILL-
5	G2					
				7.5	SM	Black asphalt looking gravelly SAND, petroleum-like odor, wet
10	G3	9.5 10.0				
		12.0 12.5		12.0	CL	Medium dense yellow-brown CLAY, no odor, moist
15				15.0		BOTTOM OF EXPLORATION 15.0 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	 Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) 15.0 Rock Cored (ft) - Samples 3G Boring No. DP-005		
			Bottom of Casing				Bottom of Hole	Water

Field Tests:
 Dilatancy: R - Rapid S - Slow N - None
 Toughness: L - Low M - Medium H - High
 Plasticity: N - Nonplastic L - Low M - Medium H - High
 Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
 Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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 06 July 2015
 Finish 06 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

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	0.5 1.0		0.5	SM	ASPHALT Yellow-brown SAND with gravel and brick, asphalt-like odor, moist -FILL-
5	G2	4.5 5.0				
7.0					SM	Black SAND with gravel fill, asphalt/petroleum-like odor
10	G3	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 Rock Cored (ft) - Samples 2G	Boring No. DP-006
			Bottom of Casing	Bottom of Hole	Water				

Field Tests: Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 06 July 2015
 Finish 06 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		ND			ASPHALT
		0.5 1.0		0.5	SM	Yellow-brown SAND with gravel, no odor, moist
						-FILL-
						Grades to gray
5	G2	4.5 5.0	0.5			
				6.0	SM	Gray SAND with gravel, little petroleum-like odor, wet
				8.0	CL	Gray CLAY, petroleum-like odor
10	G3	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-007	

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 06 July 2015 Finish 06 July 2015 Driller M. Robins H&A Rep. A. Fleming
---	---

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type			NA	Rig Make & Model:
Inside Diameter (in.)			NA	Bit Type: Cutting Head
Hammer Weight (lb)	NA	NA	-	Drill Mud: None
Hammer Fall (in.)	NA	NA	-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 2000
				Elevation Datum
				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		ND			ASPHALT
		0.5 1.0		0.5	SM	Yellow-brown SAND fill with gravel, asphalt-like odor, moist
						-FILL-
				3.0	CL	Brown CLAY with gravel, asphalt-like odor, moist
				4.5		Black asphalt FILL, petroleum-like odor
5	G2	4.5 5.0	ND			
				7.0	CL	Brown CLAY with sand
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT
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 Rock Cored (ft) - Samples 2G
			Bottom of Casing	Bottom of Hole	Water			
								Boring No. DP-008

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.

C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP-003_DP-123_JUL_2015.GPJ 22 Jul 15 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 06 July 2015
 Finish 06 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 Datum
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Location See Plan
Hammer Fall (in.)	NA	NA	-	Casing:	
				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 39	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Tan to light brown silty SAND, trace fine gravel, no odor, moist
						-FILL-
				3.5	SM	Black silty SAND, no odor, moist, trace ash and coal
5	G2 19	4.5	ND			
		5.0				
				10.0		Note: Soil saturated at 9.5 ft, trace black staining at 9.5 ft
10						BOTTOM OF EXPLORATION 10.0 FT
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-009	

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-010

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 06 July 2015
 Finish 06 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

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 32	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Black and olive-brown silty SAND intermixed with trace to 5% pockets of clay, no odor, moist
						-FILL-
5	G2 24	4.5	ND	0.4	CL	Olive-brown lean CLAY with sand, slight petroleum-like odor, wet
		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-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary			
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft)	10.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft)	-
							Samples	2G	
							Boring No. DP-010		

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 06 July 2015
 Finish 06 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 Datum
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Location See Plan
Hammer Fall (in.)	NA	NA	-	Casing:	
				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 34	0.5	ND	0.3	SP-SM	BITUMINOUS ASPHALT
		1.0				Tan poorly graded SAND with silt, no odor, moist
						-FILL-
				4.0	SM	Black silty SAND, no odor, moist
5	G2 31	4.5	ND	6.5		Olive-brown to tan lean CLAY with sand, trace silt, no odor, moist, wet at approximately 7.0 ft, trace brick
		5.0				
				10.0		BOTTOM OF EXPLORATION 10.0 FT
10		9.5				
		10.0				
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-011	

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 06 July 2015
 Finish 06 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

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 (Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 28	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Black to brown silty SAND, no odor, moist, trace brick specks, trace ash and cinders
5	G2 32		ND	6.0	CL	-FILL-
						Tan to light brown sandy lean CLAY, trace silt and gravel, no odor, moist, trace asphalt, trace tan and gray mottling
10	G3 60	9.5	ND	9.5	CL	Tan to light brown sandy lean CLAY, trace silt, no odor, wet, trace gray/tan mottling
		10.0				
15		14.5		15.0		BOTTOM OF EXPLORATION 15.0 FT
		15.0				

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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
							Boring No. DP-012	

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 06 July 2015
 Finish 06 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

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 24	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Gray, tan silty SAND with gravel, no odor, moist, 25-30% pockets of lean clay
						-FILL-
				4.0	SM	Black with trace brown silty SAND, trace gravel, no odor, moist, trace brick, ash, cinders and shells
5	G2 22		ND			
					8.5	CL
10	G3 56	9.5	ND	10.0	SC	Tan sandy lean CLAY, trace silt, no odor, wet, tan and gray mottling, trace pockets of silty sand
		10.0				
15		14.5		15.0		BOTTOM OF EXPLORATION 15.0 FT
		15.0				

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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
							Boring No. DP-013	

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 07 July 2015
 Finish 07 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

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 28	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Tan to brown silty SAND, trace gravel, no odor, moist
						-FILL-
				4.0	SM	Black silty SAND, no odor, moist, trace brick, ash and cinders
5	G2 25		ND			
				8.0	CL	Tan sandy lean CLAY, trace silt, no odor, wet, 30-35% pockets of sand, trace brick
10	G3 58	9.5 10.0	ND			
				11.0	CL	Tan sandy lean CLAY, trace silt, no odor, wet, 5-10% pockets of lean clay
						-ALLUVIAL DEPOSITS-
15		14.5 15.0		15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing			Rock Cored (ft) -
			Bottom of Hole			Samples 3G
			Water			Boring No. DP-014

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 07 July 2015
 Finish 07 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 47	0.5 1.0	ND	0.3	SP	BITUMINOUS ASPHALT Tan to gray-brown poorly graded SAND, no odor, moist, 5-10% pockets of silty sand, trace brick and asphalt
						-FILL-
5	G2 29		ND			
						Note: Soil saturated at approximately 8.5 ft.
10	G3 56	9.5 10.0	ND			
				11.0	CL	Olive-brown to gray lean CLAY, no odor, wet -MARINE DEPOSITS-
				12.0	SC	Tan sandy lean CLAY, trace silt, no odor, moist, tan/gray mottling -ALLUVIAL DEPOSITS-
15		14.5 15.0		15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-015		

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 07 July 2015
 Finish 07 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 22	0.5	ND	0.2	SM	BITUMINOUS ASPHALT Tan to black silty SAND, no odor, moist, trace asphalt
		1.0				
5	G2 26	4.5	ND			-FILL-
		5.0				
10		9.5		9.5	CL	Tan sandy lean CLAY, trace silt, no odor, wet, tan and gray mottling
		10.0		10.0		-ALLUVIAL DEPOSITS- BOTTOM OF EXPLORATION 10.0 FT
15						

C:\USERS\RLG\DOCUMENTS\BENTLEY\40223-002_TB_DP_003_DP-123 JUL 2015.GPJ 22 Jul 15
 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 10.0 Rock Cored (ft) - Samples 2G Boring No. DP-016
			Bottom of Casing			
			Bottom of Hole			

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-017

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 07 July 2015
 Finish 07 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 31	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Tan to black silty SAND, trace gravel, no odor, moist, trace asphalt, brick and ash cinders
5	G2 25	4.5 5.0	ND			-FILL-
10		9.5 10.0		10.0		Note: Layer of coal from 9.5 to 9.7 ft. BOTTOM OF EXPLORATION 10.0 FT
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-017

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 07 July 2015
 Finish 07 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

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 33	0.5 1.0	ND	0.4	SP	BITUMINOUS ASPHALT Tan to red-brown poorly graded SAND, no odor, moist, trace asphalt, brick and glass, 10-15% pockets of silt sand, trace clay pockets
						-FILL-
5	G2	4.5 5.0	ND			

					SC	Tan sandy lean CLAY, no odor, wet, trace brick, trace mottling
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

H&A-GEOPROBE-09 W/PID-3 HA-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT C:\USERS\R\G\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: 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-018

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 07 July 2015
 Finish 07 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 32	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Black to brown silty SAND, trace gravel, no odor, moist, 10-15% brick, trace ash, cinders and glass
						-FILL-
5	G2 33	4.5 5.0	ND			
				9.0	CL	Gray lean CLAY, no odor, wet
10		9.5 10.0		10.0		-MARINE DEPOSITS- 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 Rock Cored (ft) - Samples 2G Boring No. DP-019
			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.

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 07 July 2015
 Finish 07 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 Datum
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Location See Plan
Hammer Fall (in.)	NA	NA	-	Casing:	
				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 34	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Dark brown to black silty SAND, no odor, moist, 30% pockets of poorly graded sand, trace brick, asphalt and ash <div style="text-align: center;">-FILL-</div>
5	G2 31	4.5 5.0	ND			
				8.0	SC	Tan to gray sandy lean CLAY, no odor, wet, 5-10% pockets of lean clay, trace brick
10				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-020		

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



GEOPROBE REPORT

Boring No. DP-021

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 07 July 2015
 Finish 07 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
						(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0	G1 27	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Black to dark brown silty SAND, trace gravel, no odor, moist, trace asphalt, brick, glass, ash and cinders
						-FILL-
5	G2 33	4.5	ND			
		5.0				
				7.5	SC	Tan sandy lean CLAY, no odor, wet, trace brick
				9.0	SC	Gray sandy lean CLAY, no odor, wet, trace roots
10		9.5		10.0		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
						Samples 2G	
						Boring No. DP-021	

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 07 July 2015
 Finish 07 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 25	0.5	ND	0.3	SP	BITUMINOUS ASPHALT
		1.0				Black to gray poorly graded SAND, trace gravel, no odor, moist, trace pockets of silty sand and clay, 10-15% ash and cinders, trace brick
						-FILL-
5	G2 38	4.5	ND	7.5	SC	Note: Pockets of natural tan sandy lean clay from 6.0 to 7.5 ft.
		5.0				Tan sandy lean CLAY, trace silt, no odor, wet, tan/gray mottling
						-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-022
			Bottom of Casing			
			Bottom of Hole			

Field Tests: Dilatancy: R - Rapid S - Slow N - None Plasticity: N - Nonplastic L - Low M - Medium H - High
 Toughness: L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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 08 July 2015
 Finish 08 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 26	0.5	ND	0.2	SM	ASPHALT
		1.0				Tan to black silty SAND, no odor, moist, trace brick, asphalt, glass and ash
5	G2 27	4.5	ND			-FILL-
		5.0				
9.0				9.0	SC	Tan to dark brown sandy lean CLAY, trace silt, no odor, wet, trace brick
10.0		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-LIB09.GLB HA-TB-CORE+WELL-07-1.GDT H&A-GEOPROBE-09 W/PID-3

Water Level Data				Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to:	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Overburden (ft) 10.0 Rock Cored (ft) - Samples 2G Boring No. DP-023
			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.

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

File No. 40223-002
 Sheet No. 1 of 1
 Start 07 July 2015
 Finish 08 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

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 27	0.5	ND	0.2	SM	ASPHALT Tan to black silty SAND, trace gravel, no odor, moist, trace brick asphalt, concrete and ash <div style="text-align: center; margin-top: 20px;">-FILL-</div>
		1.0				
5	G2 21	4.5	ND	10.0		Note: Layer of brick from 8.6 to 8.7 ft. Note: Trace sandy lean clay in tip of sampler.
		5.0				
10		9.5				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
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 2G	
						Boring No. DP-024		

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	File No.	40223-002
Client	McKissack & McKissack	Sheet No.	1 of 1
Contractor	Vironex	Start	07 July 2015
		Finish	07 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

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
------------	-------------------------	-------------------	--------------------	--------------------------------	-------------	---

0	G1 28	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Tan to black silty SAND, trace gravel, no odor, moist, 10% brick
5	G2 29	4.5 5.0	ND			-FILL-
8.0					SM	Black (stained) silty SAND, trace gravel, very strong petroleum odor, black staining through cut, wet
10	G3 55	9.5 10.0	ND	10.0	CL	Tan sandy lean CLAY, trace silt, very faint odor, wet, staining in top 4 in.
15				15.0		-ALLUVIAL DEPOSITS- BOTTOM OF EXPLORATION 15.0 FT

Water Level Data				Sample ID	Well Diagram	Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft) to:			<ul style="list-style-type: none"> O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe 	<ul style="list-style-type: none"> Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal
			Bottom of Casing	Bottom of Hole	Water		

Field Tests: Dilatancy: R - Rapid S - Slow N - None
 Toughness: L - Low M - Medium H - High
 Plasticity: N - Nonplastic L - Low M - Medium H - High
 Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note:** Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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 07 July 2015
 Finish 08 July 2015
 Driller M. Robins
 H&A Rep. A. Fleming

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

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 42	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Gray to tan silty SAND, no odor, moist, trace brick, concrete, asphalt and glass
						-FILL-
5	G2 31	4.5	ND			
		5.0				
				8.5	SC	Tan to black sandy lean CLAY, strong petroleum-like odor, wet, trace pockets of silt, visible black staining, trace roots and brick
10	G3 56	9.5	ND	10.5	SC	Black stained sandy lean CLAY, trace silt and fine gravel, moderate petroleum-like odor, wet, very visible sheen and staining
		10.0				Note: End of staining/color/sheen and contamination at 12.5 ft.
						-ALLUVIAL DEPOSITS-
15				15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
							Boring No. DP-026	

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 08 July 2015
 Finish 08 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

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 29	0.5 1.0	ND	0.3	SP	BITUMINOUS ASPHALT Tan to black poorly graded SAND, no odor, moist, 10-15% pockets of silty sand, trace brick, asphalt and glass <div style="text-align: center;">-FILL-</div>
5	G2 24	7.5 8.0	ND			
10	G3 58	11.0 11.5	ND	10.0	SC/SM	Note: Black staining from 9.5 to 11.5 ft, very faint petroleum-like odor. Tan to gray-brown sandy lean CLAY intermixed with silty SAND, very faint petroleum-like odor, wet, black staining down to 11.5 ft, trace tan/gray mottling <div style="text-align: center;">-ALLUVIAL DEPOSITS-</div>
15				15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-027		

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 08 July 2015
 Finish 08 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	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Tan to black silty SAND, no odor, moist, trace asphalt, ash and cinders
5	G2 26	9.0	ND	8.0	SC/SM	Tan sandy lean CLAY intermixed with silty SAND, no odor from 8.0 to 9.0 ft, at 9.0 to 11.0 ft visible staining and moderate petroleum-like odor, wet, trace brick
		9.5				
10	G3 51	10.5	ND	12.0	CL	Tan to olive-gray lean CLAY, no odor, wet, trace pockets of silty sand
		11.0				
15				15.0		-ALLUVIAL DEPOSITS- BOTTOM OF EXPLORATION 15.0 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) 15.0 Rock Cored (ft) - Samples 3G
			Bottom of Casing	Bottom of Hole	Water			
							Boring No. DP-028	

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 08 July 2015
 Finish 08 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 27	0.5	ND	0.3	SM	BITUMINOUS ASPHALT
		1.0				Dark tan to black silty SAND, no odor, moist, trace brick and concrete, trace black staining at 4.0 ft
5	G2 26	9.0	ND	9.5	CL	-FILL-
		9.5				Gray sandy lean CLAY, moderately petroleum-like odor, wet, trace staining from 9.0 to 9.75 ft, trace wood
10	G3 59	10.0	ND	10.5	SC/CL	Tan sandy lean CLAY intermixed with lean CLAY, no odor, wet, trace pockets of silt, gray mottling
		10.5				-ALLUVIAL DEPOSITS-
15				15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-029		

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 08 July 2015
 Finish 08 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 28	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Tan to black silty SAND, no odor, moist, trace brick and ash
5	G2 24		ND			-FILL-
10	G3 36	9.5 10.0 12.0 12.5	ND	10.0	CL	Black to tan lean CLAY, faint petroleum-like odor from 9.0 to 12.0 ft, no odor beyond 12.0 ft, wet, trace pockets of sand and silty sand Note: Black staining from 9.0 to 12.0 ft.
15				15.0		-ALLUVIAL DEPOSITS- BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-030		

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 08 July 2015
 Finish 08 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 25	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Black to dark brown silty SAND, no odor, moist, trace brick, trace black staining at 4.3 ft
5	G2 24		ND			-FILL-
10	G3 60	9.5 10.0 10.5 11.0	ND	10.0	CL	Note: Brick layer from 9.6 to 10.0 ft, trace stained soil in sampler tip at 10.0 ft. Tan to gray lean CLAY, no odor, wet, 5-10% sandy lean clay
15				15.0		-ALLUVIAL DEPOSITS- BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-031		

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 08 July 2015
 Finish 08 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 24	0.5 1.0	ND	0.3	SM	BITUMINOUS ASPHALT Tan to black silty SAND, no odor, moist, trace ash, asphalt and glass <div style="text-align: center;">-FILL-</div>
5	G2 28		ND			
10	G3 59	10.0 10.5 10.5 11.0	ND	10.5	CL	Note: 50-60% pockets of lean clay and 10-15% glass from 9.0 to 10.5 ft. Olive-brown to tan lean CLAY, faint petroleum-like odor, wet, black staining from 9.0 to 10.5 ft, below 10.5 ft, no odor, no staining, trace pockets of silt and sandy lean clay <div style="text-align: center;">-ALLUVIAL DEPOSITS-</div>
15				15.0		BOTTOM OF EXPLORATION 15.0 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) 15.0
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 3G	
						Boring No. DP-032		

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 30	0.5 1.0	ND		SM	Grass at surface Dark brown to black silty SAND, no odor, moist, trace pockets of lean clay with sand, 5% brick trace concrete, asphalt and ash, topsoil 2 in. thick
						-FILL-
5	G2 45	4.5 5.0	ND			
10		9.5 10.0		9.5 10.0	CL	Tan to light brown lean CLAY with sand, no odor, wet, trace gray mottling -ALLUVIAL DEPOSITS- 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 Rock Cored (ft) - Samples 2G Boring No. DP-039		
			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-040

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 29	0.5	ND		SM	Grass at surface
		1.0				Dark brown to black silty SAND, trace gravel, no odor, moist, 5% brick and coal, trace concrete, asphalt and ash, topsoil 6 in. thick
5	G2 25	4.5	ND			-FILL-
		5.0				
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
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 2G	
						Boring No. DP-040		

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 <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1 27	0.5	ND		SM	Grass at surface
		1.0				Dark brown to black silty SAND, trace gravel, no odor, moist, trace brick, asphalt, ash and shells, topsoil 4 in. thick
5	G2 30	4.5	ND			-FILL-
		5.0				
10		9.5		10.0		Note: Trace tan sandy silt in sampler tip at 10.0 ft.
		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			Rock Cored (ft) -
			Bottom of Hole			Samples 2G
			Water			Boring No. DP-041

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-042

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

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 36	0.5 1.0	ND		SM	Grass at surface Dark brown to black silty SAND, no odor, moist, trace brick and asphalt, topsoil 3 in. thick
						-FILL-
5	G2 32	4.5 5.0	ND			
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT
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-042		

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 <small>(Color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)</small>
0	G1	0.5 1.0	ND		SM	Grass at surface Black to tan silty SAND, trace gravel, no odor, moist, trace brick and asphalt, topsoil 6 in. thick
						-FILL-
5	G2	4.5 5.0	ND			
						Note: Trace black staining from 9.0 to 9.8 ft, no odor or sheen.
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT
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-043

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-044

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 33	0.5	ND		SM	Grass at surface
		1.0				Dark brown to black silty SAND, trace gravel, no odor, moist, trace asphalt and brick, topsoil 3 in. thick
						-FILL-
5	G2 29	4.5	ND			
		5.0				
						Note: Wet at 9.0 ft, no odor or sheen.
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
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 2G	
						Boring No. DP-044		

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 Datum
Hammer Weight (lb)	NA	NA	-	Drill Mud: None	Location See Plan
Hammer Fall (in.)	NA	NA	-	Casing:	
				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	0.5 1.0	ND		SM	Grass at surface Dark brown to black silty SAND, no odor, moist, trace brick and asphalt, topsoil 4 in. thick
						-FILL-
						Note: 15-20% asphalt from 3.5 to 4.5 ft.
5	G2	4.5 5.0	ND			
10		9.5 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT
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 Rock Cored (ft) - Samples 2G Boring No. DP-045
			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

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 26	0.5	ND		SM	Grass at surface
		1.0				Dark brown to black SAND, no odor, moist, trace brick, concrete, ash, cinders, asphalt and glass, topsoil 3 in. thick
5	G2 27		ND			-FILL-
10		9.5		10.0		Note: Took sample at 10.0 ft to confirm no contamination. At 10.0 ft, no odor or sheen, but trace black soil (not stained).
		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			Rock Cored (ft) -
			Bottom of Hole			Samples 2G
			Water			Boring No. DP-046

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 10 July 2015
 Finish 10 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 38	0.5	ND		SM	Grass at surface
		1.0				Tan to brown with trace black silty SAND, trace gravel, no odor, moist, trace brick, concrete and asphalt
5	G2 32	4.5	ND			-FILL-
		5.0				
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
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (ft) -
							Samples 2G	
						Boring No. DP-047		

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.

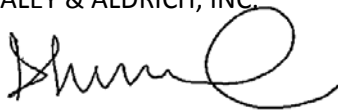
APPENDIX B

Laboratory Analytical Reports

additional information that becomes available concerning this Site should be provided to Haley & Aldrich so that any further recommendations may be reviewed and modified as necessary. Haley & Aldrich is not responsible for the subsequent separation, detachment, or partial use of this document. No warranty or guarantee, whether expressed or implied, is made with respect to the recommendations expressed in this report. Any reliance on this report by a third party shall be at such party's sole risk.

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

Sincerely yours,
HALEY & ALDRICH, INC.



Dana L. Kennard
Assistant Project Manager



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

Attachments:

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



ANALYTICAL REPORT

Lab Number:	L1515325
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:	07/17/15

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

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515325-01	DP-003-SO-010-01	SOIL	Not Specified	07/06/15 08:25	07/06/15
L1515325-02	DP-003-SO-050-01	SOIL	Not Specified	07/06/15 08:30	07/06/15
L1515325-03	DP-003-SO-100-01	SOIL	Not Specified	07/06/15 08:35	07/06/15
L1515325-04	DP-004-SO-010-01	SOIL	Not Specified	07/06/15 08:45	07/06/15
L1515325-05	DP-004-SO-050-01	SOIL	Not Specified	07/06/15 09:05	07/06/15
L1515325-06	DP-005-SO-010-01	SOIL	Not Specified	07/06/15 09:15	07/06/15
L1515325-07	DP-005-SO-100-01	SOIL	Not Specified	07/06/15 09:30	07/06/15
L1515325-08	DP-005-SO-125-01	SOIL	Not Specified	07/06/15 09:35	07/06/15
L1515325-09	DP-006-SO-010-01	SOIL	Not Specified	07/06/15 09:50	07/06/15
L1515325-10	DP-006-SO-050-01	SOIL	Not Specified	07/06/15 09:56	07/06/15
L1515325-11	DP-006-SO-100-01	SOIL	Not Specified	07/06/15 10:00	07/06/15
L1515325-12	DP-007-SO-010-01	SOIL	Not Specified	07/06/15 10:02	07/06/15
L1515325-13	DP-007-SO-050-01	SOIL	Not Specified	07/06/15 10:10	07/06/15
L1515325-14	DP-007-SO-100-01	SOIL	Not Specified	07/06/15 10:13	07/06/15
L1515325-15	DP-008-SO-010-01	SOIL	Not Specified	07/06/15 10:30	07/06/15
L1515325-16	DP-008-SO-050-01	SOIL	Not Specified	07/06/15 10:35	07/06/15
L1515325-17	DP-008-SO-100-01	SOIL	Not Specified	07/06/15 10:37	07/06/15
L1515325-18	DP-009-SO-010-01	SOIL	Not Specified	07/06/15 10:45	07/06/15
L1515325-19	DP-009-SO-010-02	SOIL	Not Specified	07/06/15 10:45	07/06/15
L1515325-20	DP-009-SO-050-01	SOIL	Not Specified	07/06/15 10:50	07/06/15
L1515325-21	DP-009-SO-100-01	SOIL	Not Specified	07/06/15 11:00	07/06/15
L1515325-22	DP-010-SO-010-01	SOIL	Not Specified	07/06/15 11:15	07/06/15
L1515325-23	DP-010-SO-050-01	SOIL	Not Specified	07/06/15 11:20	07/06/15
L1515325-24	DP-010-SO-050-02	SOIL	Not Specified	07/06/15 11:20	07/06/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515325-25	DP-010-SO-100-01	SOIL	Not Specified	07/06/15 11:25	07/06/15
L1515325-26	DP-011-SO-010-01	SOIL	Not Specified	07/06/15 11:50	07/06/15
L1515325-27	DP-011-SO-050-01	SOIL	Not Specified	07/06/15 11:55	07/06/15
L1515325-28	DP-011-SO-100-01	SOIL	Not Specified	07/06/15 12:00	07/06/15
L1515325-29	TB01-070615	WATER	Not Specified	07/06/15 08:00	07/06/15
L1515325-30	EB01-070615	WATER	Not Specified	07/06/15 14:20	07/06/15
L1515325-31	DP-012-SO-010-01	SOIL	Not Specified	07/06/15 12:20	07/06/15
L1515325-32	DP-012-SO-100-01	SOIL	Not Specified	07/06/15 12:25	07/06/15
L1515325-33	DP-012-SO-150-01	SOIL	Not Specified	07/06/15 12:40	07/06/15
L1515325-34	DP-013-SO-010-01	SOIL	Not Specified	07/06/15 14:00	07/06/15
L1515325-35	DP-013-SO-100-01	SOIL	Not Specified	07/06/15 14:05	07/06/15
L1515325-36	DP-013-SO-100-02	SOIL	Not Specified	07/06/15 14:05	07/06/15
L1515325-37	DP-013-SO-150-01	SOIL	Not Specified	07/06/15 14:10	07/06/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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: L1515325
Report Date: 07/17/15

Case Narrative (continued)

Report Submission

This report replaces the report issued July 15, 2015. The Volatile Organics analyte list has been amended to include 1,4-Dioxane.

A previously-issued report replaced the report issued July 13, 2015, and included GRO results on all samples.

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

Semivolatile Organics

L1515325-06, -07, and -36: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1515325-11: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

L1515325-11: 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

L1515325-07, -11, -14, -21, -35, and -36: The surrogate recoveries are below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

WG800971: An LCSD was performed in lieu of a Laboratory Duplicate due to insufficient sample volume available for analysis.

Gasoline Range Organics

L1515325-30: The analysis was performed utilizing a compromised vial, with the client's authorization.

WG802840: A laboratory duplicate and/or matrix spike could not be performed because the sample was an equipment blank.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Case Narrative (continued)

Metals

L1515325-01 through -28 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG800696-4 MS recovery, performed on L1515325-30, is outside the acceptance criteria for iron (40%). A post digestion spike was performed and yielded an unacceptable recovery of 140%. This has been attributed to sample matrix.

The WG801048-4 MS recovery, performed on L1515325-01, is outside the acceptance criteria for mercury (0%). A post digestion spike was performed and was within acceptance criteria.

The WG801049-4 MS recovery for mercury (423%), performed on L1515325-21, does not apply because the sample concentration is greater than four times the spike amount added.

The WG801066-4 MS recoveries for aluminum (1210%), calcium (230%), iron (0%), lead (68%), magnesium (0%), manganese (10400%), and zinc (253%), performed on L1515325-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG801066-4 MS recoveries, performed on L1515325-01, are outside the acceptance criteria for copper (313%), nickel (53%), sodium (184%), thallium (64%), and vanadium (177%). A post digestion spike was performed and yielded an unacceptable recovery for nickel (75%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG801068-4 MS recoveries for aluminum (276%), calcium (0%), iron (0%), lead (0%), manganese (0%), and zinc (0%), performed on L1515325-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG801068-4 MS recoveries, performed on L1515325-09, are outside the acceptance criteria for barium (33%) and copper (22%). A post digestion spike was performed and yielded unacceptable recoveries for barium (168%) and copper (168%). This has been attributed to sample matrix.

The WG801049-3 Laboratory Duplicate RPD, performed on L1515325-21, is outside the acceptance criteria for mercury (33%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG801066-3 Laboratory Duplicate RPDs, performed on L1515325-01, are outside the acceptance criteria for barium (21%), calcium (22%), copper (25%), and iron (58%). The elevated RPDs have been

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

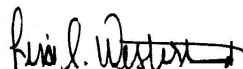
Case Narrative (continued)

attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG801068-3 Laboratory Duplicate RPDs, performed on L1515325-09, are outside the acceptance criteria for aluminum (28%), arsenic (53%), barium (102%), calcium (28%), chromium (37%), cobalt (45%), copper (74%), iron (31%), lead (110%), magnesium (49%), manganese (81%), nickel (25%), potassium (23%), vanadium (33%) and zinc (96%). 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: 07/17/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-29
Client ID: TB01-070615
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/08/15 19:20
Analyst: PD

Date Collected: 07/06/15 08:00
Date Received: 07/06/15
Field Prep: Not Specified

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-29
Client ID: TB01-070615
Sample Location: Not Specified

Date Collected: 07/06/15 08:00
Date Received: 07/06/15
Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
 Client ID: EB01-070615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/08/15 19:47
 Analyst: PD

Date Collected: 07/06/15 14:20
 Date Received: 07/06/15
 Field Prep: Not Specified

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
Client ID: EB01-070615
Sample Location: Not Specified

Date Collected: 07/06/15 14:20
Date Received: 07/06/15
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	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	111		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-30 Batch: WG800976-3					
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: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-30 Batch: WG800976-3					
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	0.39	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: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 29-30 Batch: WG800976-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-30 Batch: WG800976-1 WG800976-2								
Dichlorodifluoromethane	118		117		36-147	1		20
Chloromethane	99		97		64-130	2		20
Vinyl chloride	103		100		55-140	3		20
Bromomethane	111		102		39-139	8		20
Chloroethane	94		91		55-138	3		20
Trichlorofluoromethane	94		94		62-150	0		20
1,1-Dichloroethene	107		107		61-145	0		20
Carbon disulfide	102		97		51-130	5		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		106		70-130	1		20
Methylene chloride	111		107		70-130	4		20
Acetone	117		103		58-148	13		20
trans-1,2-Dichloroethene	103		98		70-130	5		20
Methyl Acetate	114		112		70-130	2		20
Methyl tert butyl ether	108		106		63-130	2		20
1,1-Dichloroethane	108		102		70-130	6		20
cis-1,2-Dichloroethene	104		99		70-130	5		20
Cyclohexane	102		99		70-130	3		20
Bromochloromethane	111		106		70-130	5		20
Chloroform	106		100		70-130	6		20
Carbon tetrachloride	102		101		63-132	1		20
1,1,1-Trichloroethane	101		99		67-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-30 Batch: WG800976-1 WG800976-2								
2-Butanone	104		99		63-138	5		20
Benzene	105		98		70-130	7		20
1,2-Dichloroethane	102		98		70-130	4		20
Methyl cyclohexane	98		93		70-130	5		20
Trichloroethene	104		98		70-130	6		20
1,2-Dichloropropane	104		99		70-130	5		20
Bromodichloromethane	102		100		67-130	2		20
1,4-Dioxane	127		113		56-162	12		20
cis-1,3-Dichloropropene	103		99		70-130	4		20
Toluene	108		100		70-130	8		20
Tetrachloroethene	101		98		70-130	3		20
4-Methyl-2-pentanone	96		92		59-130	4		20
trans-1,3-Dichloropropene	104		103		70-130	1		20
1,1,2-Trichloroethane	111		105		70-130	6		20
Dibromochloromethane	109		109		63-130	0		20
1,2-Dibromoethane	108		107		70-130	1		20
2-Hexanone	98		95		57-130	3		20
Chlorobenzene	102		98		75-130	4		20
Ethylbenzene	100		94		70-130	6		20
p/m-Xylene	101		96		70-130	5		20
o-Xylene	100		96		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 29-30 Batch: WG800976-1 WG800976-2								
Styrene	99		96		70-130	3		20
Bromoform	100		100		54-136	0		20
Isopropylbenzene	97		91		70-130	6		20
1,1,2,2-Tetrachloroethane	108		107		67-130	1		20
1,3,5-Trimethylbenzene	96		91		64-130	5		20
1,2,4-Trimethylbenzene	98		93		70-130	5		20
1,3-Dichlorobenzene	99		96		70-130	3		20
1,4-Dichlorobenzene	97		96		70-130	1		20
1,2-Dichlorobenzene	98		96		70-130	2		20
1,2-Dibromo-3-chloropropane	87		91		41-144	4		20
1,2,4-Trichlorobenzene	76		87		70-130	13		20
Naphthalene	75		96		70-130	25	Q	20
1,2,3-Trichlorobenzene	74		92		70-130	22	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	104		105		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-01
 Client ID: DP-003-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 14:46
 Analyst: AL
 Percent Solids: 90%

Date Collected: 07/06/15 08:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

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	0.043	J	mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.45		mg/kg	0.11	0.036	1
Anthracene	0.13		mg/kg	0.11	0.030	1
Fluoranthene	1.2		mg/kg	0.11	0.034	1
Pyrene	1.0		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.63		mg/kg	0.11	0.036	1
Chrysene	0.65		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.76		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.30		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.59		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.43		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.11		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.37		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	84		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 15:14
 Analyst: AL
 Percent Solids: 78%

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.070	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.068	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	1
Acenaphthylene	ND		mg/kg	0.17	0.040	1
Acenaphthene	0.14	J	mg/kg	0.17	0.044	1
Fluorene	0.17	J	mg/kg	0.21	0.061	1
Phenanthrene	1.6		mg/kg	0.13	0.041	1
Anthracene	0.48		mg/kg	0.13	0.035	1
Fluoranthene	1.7		mg/kg	0.13	0.039	1
Pyrene	1.5		mg/kg	0.13	0.041	1
Benzo(a)anthracene	0.84		mg/kg	0.13	0.041	1
Chrysene	0.76		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	0.79		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	0.33		mg/kg	0.13	0.040	1
Benzo(a)pyrene	0.68		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.45		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.12	J	mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.40		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-03
 Client ID: DP-003-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 14:19
 Analyst: AL
 Percent Solids: 78%

Date Collected: 07/06/15 08:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.070	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.068	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	1
Acenaphthylene	0.040	J	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	0.46		mg/kg	0.13	0.042	1
Anthracene	0.13		mg/kg	0.13	0.035	1
Fluoranthene	0.91		mg/kg	0.13	0.039	1
Pyrene	0.76		mg/kg	0.13	0.041	1
Benzo(a)anthracene	0.36		mg/kg	0.13	0.042	1
Chrysene	0.26		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	0.36		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	0.15		mg/kg	0.13	0.040	1
Benzo(a)pyrene	0.30		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.21		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.045	J	mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.17		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-04
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 17:30
 Analyst: AL
 Percent Solids: 90%

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

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	0.085	J	mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.20		mg/kg	0.11	0.034	1
Pyrene	0.18		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.11		mg/kg	0.11	0.036	1
Chrysene	0.10	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.12		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.047	J	mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.10	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.074	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.064	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	102		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-05 D2

Date Collected: 07/06/15 09:05

Client ID: DP-004-SO-050-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/08/15 03:08

Analytical Date: 07/13/15 03:57

Analyst: AL

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	35.		mg/kg	1.2	0.40	10
Fluoranthene	33.		mg/kg	1.2	0.38	10
Pyrene	28.		mg/kg	1.2	0.40	10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-05 D
 Client ID: DP-004-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 19:18
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/06/15 09:05
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	4.9		mg/kg	0.41	0.14	2
2-Methylnaphthalene	2.2		mg/kg	0.49	0.13	2
2-Chloronaphthalene	ND		mg/kg	0.41	0.13	2
Acenaphthylene	0.12	J	mg/kg	0.33	0.076	2
Acenaphthene	6.8		mg/kg	0.33	0.084	2
Fluorene	6.5		mg/kg	0.41	0.12	2
Phenanthrene	43.	E	mg/kg	0.24	0.080	2
Anthracene	14.		mg/kg	0.24	0.068	2
Fluoranthene	39.	E	mg/kg	0.24	0.075	2
Pyrene	35.	E	mg/kg	0.24	0.079	2
Benzo(a)anthracene	14.		mg/kg	0.24	0.080	2
Chrysene	13.		mg/kg	0.24	0.080	2
Benzo(b)fluoranthene	14.		mg/kg	0.24	0.082	2
Benzo(k)fluoranthene	5.1		mg/kg	0.24	0.078	2
Benzo(a)pyrene	12.		mg/kg	0.33	0.10	2
Indeno(1,2,3-cd)pyrene	7.5		mg/kg	0.33	0.091	2
Dibenzo(a,h)anthracene	1.6		mg/kg	0.24	0.079	2
Benzo(ghi)perylene	6.2		mg/kg	0.33	0.085	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-06 D
 Client ID: DP-005-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 21:02
 Analyst: AL
 Percent Solids: 88%

Date Collected: 07/06/15 09:15
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.070	2
Acenaphthene	ND		mg/kg	0.30	0.077	2
Fluorene	ND		mg/kg	0.37	0.11	2
Phenanthrene	0.30		mg/kg	0.22	0.073	2
Anthracene	0.098	J	mg/kg	0.22	0.062	2
Fluoranthene	0.85		mg/kg	0.22	0.068	2
Pyrene	0.77		mg/kg	0.22	0.072	2
Benzo(a)anthracene	0.49		mg/kg	0.22	0.073	2
Chrysene	0.48		mg/kg	0.22	0.073	2
Benzo(b)fluoranthene	0.59		mg/kg	0.22	0.075	2
Benzo(k)fluoranthene	0.26		mg/kg	0.22	0.071	2
Benzo(a)pyrene	0.47		mg/kg	0.30	0.091	2
Indeno(1,2,3-cd)pyrene	0.34		mg/kg	0.30	0.083	2
Dibenzo(a,h)anthracene	0.091	J	mg/kg	0.22	0.072	2
Benzo(ghi)perylene	0.28	J	mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-07 D
 Client ID: DP-005-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 20:36
 Analyst: AL
 Percent Solids: 77%

Date Collected: 07/06/15 09:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.25	J	mg/kg	0.43	0.14	2
2-Methylnaphthalene	0.15	J	mg/kg	0.52	0.14	2
2-Chloronaphthalene	ND		mg/kg	0.43	0.14	2
Acenaphthylene	0.094	J	mg/kg	0.34	0.080	2
Acenaphthene	0.13	J	mg/kg	0.34	0.088	2
Fluorene	0.18	J	mg/kg	0.43	0.12	2
Phenanthrene	1.4		mg/kg	0.26	0.084	2
Anthracene	0.37		mg/kg	0.26	0.072	2
Fluoranthene	1.6		mg/kg	0.26	0.079	2
Pyrene	1.3		mg/kg	0.26	0.084	2
Benzo(a)anthracene	0.68		mg/kg	0.26	0.084	2
Chrysene	0.73		mg/kg	0.26	0.084	2
Benzo(b)fluoranthene	0.72		mg/kg	0.26	0.087	2
Benzo(k)fluoranthene	0.23	J	mg/kg	0.26	0.082	2
Benzo(a)pyrene	0.58		mg/kg	0.34	0.10	2
Indeno(1,2,3-cd)pyrene	0.33	J	mg/kg	0.34	0.095	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.26	0.083	2
Benzo(ghi)perylene	0.35		mg/kg	0.34	0.089	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	59		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-08
 Client ID: DP-005-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 13:53
 Analyst: AL
 Percent Solids: 81%

Date Collected: 07/06/15 09:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.067	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.066	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.058	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-09
 Client ID: DP-006-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 15:41
 Analyst: AL
 Percent Solids: 88%

Date Collected: 07/06/15 09:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.037	J	mg/kg	0.15	0.035	1
Acenaphthene	0.087	J	mg/kg	0.15	0.039	1
Fluorene	0.067	J	mg/kg	0.19	0.054	1
Phenanthrene	0.90		mg/kg	0.11	0.037	1
Anthracene	0.22		mg/kg	0.11	0.031	1
Fluoranthene	1.7		mg/kg	0.11	0.035	1
Pyrene	1.5		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.85		mg/kg	0.11	0.037	1
Chrysene	0.80		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.94		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.38		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.78		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.56		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.14		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.49		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	85		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-10 D2

Date Collected: 07/06/15 09:56

Client ID: DP-006-SO-050-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/08/15 03:08

Analytical Date: 07/13/15 04:23

Analyst: AL

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	24.		mg/kg	1.2	0.39	10
Fluoranthene	32.		mg/kg	1.2	0.37	10
Pyrene	27.		mg/kg	1.2	0.39	10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-10 D
 Client ID: DP-006-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 18:52
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/06/15 09:56
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	1.4		mg/kg	0.40	0.13	2
2-Methylnaphthalene	0.70		mg/kg	0.48	0.13	2
2-Chloronaphthalene	ND		mg/kg	0.40	0.13	2
Acenaphthylene	0.15	J	mg/kg	0.32	0.075	2
Acenaphthene	1.9		mg/kg	0.32	0.082	2
Fluorene	2.0		mg/kg	0.40	0.11	2
Phenanthrene	30.	E	mg/kg	0.24	0.078	2
Anthracene	6.3		mg/kg	0.24	0.067	2
Fluoranthene	38.	E	mg/kg	0.24	0.074	2
Pyrene	34.	E	mg/kg	0.24	0.078	2
Benzo(a)anthracene	14.		mg/kg	0.24	0.078	2
Chrysene	14.		mg/kg	0.24	0.079	2
Benzo(b)fluoranthene	14.		mg/kg	0.24	0.081	2
Benzo(k)fluoranthene	5.4		mg/kg	0.24	0.076	2
Benzo(a)pyrene	11.		mg/kg	0.32	0.098	2
Indeno(1,2,3-cd)pyrene	6.8		mg/kg	0.32	0.089	2
Dibenzo(a,h)anthracene	1.6		mg/kg	0.24	0.078	2
Benzo(ghi)perylene	6.0		mg/kg	0.32	0.083	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-11 D
 Client ID: DP-006-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 18:25
 Analyst: AL
 Percent Solids: 88%

Date Collected: 07/06/15 10:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	3.7	1.2	20
2-Methylnaphthalene	ND		mg/kg	4.5	1.2	20
2-Chloronaphthalene	ND		mg/kg	3.7	1.2	20
Acenaphthylene	ND		mg/kg	3.0	0.70	20
Acenaphthene	ND		mg/kg	3.0	0.77	20
Fluorene	ND		mg/kg	3.7	1.1	20
Phenanthrene	7.8		mg/kg	2.2	0.73	20
Anthracene	2.5		mg/kg	2.2	0.62	20
Fluoranthene	8.4		mg/kg	2.2	0.68	20
Pyrene	6.9		mg/kg	2.2	0.72	20
Benzo(a)anthracene	3.4		mg/kg	2.2	0.73	20
Chrysene	3.1		mg/kg	2.2	0.73	20
Benzo(b)fluoranthene	3.2		mg/kg	2.2	0.75	20
Benzo(k)fluoranthene	1.3	J	mg/kg	2.2	0.71	20
Benzo(a)pyrene	2.9	J	mg/kg	3.0	0.91	20
Indeno(1,2,3-cd)pyrene	2.0	J	mg/kg	3.0	0.83	20
Dibenzo(a,h)anthracene	ND		mg/kg	2.2	0.72	20
Benzo(ghi)perylene	1.8	J	mg/kg	3.0	0.78	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: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-12
 Client ID: DP-007-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 16:08
 Analyst: AL
 Percent Solids: 93%

Date Collected: 07/06/15 10:02
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.033	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	0.045	J	mg/kg	0.11	0.033	1
Pyrene	0.042	J	mg/kg	0.11	0.035	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.035	1
Chrysene	ND		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-13
 Client ID: DP-007-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 16:35
 Analyst: AL
 Percent Solids: 69%

Date Collected: 07/06/15 10:10
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.15	J	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	0.10	J	mg/kg	0.19	0.045	1
Acenaphthene	0.10	J	mg/kg	0.19	0.049	1
Fluorene	0.14	J	mg/kg	0.24	0.068	1
Phenanthrene	2.1		mg/kg	0.14	0.047	1
Anthracene	0.57		mg/kg	0.14	0.040	1
Fluoranthene	5.1		mg/kg	0.14	0.044	1
Pyrene	5.2		mg/kg	0.14	0.046	1
Benzo(a)anthracene	3.1		mg/kg	0.14	0.047	1
Chrysene	3.3		mg/kg	0.14	0.047	1
Benzo(b)fluoranthene	3.0		mg/kg	0.14	0.048	1
Benzo(k)fluoranthene	1.1		mg/kg	0.14	0.046	1
Benzo(a)pyrene	2.4		mg/kg	0.19	0.058	1
Indeno(1,2,3-cd)pyrene	1.4		mg/kg	0.19	0.053	1
Dibenzo(a,h)anthracene	0.39		mg/kg	0.14	0.046	1
Benzo(ghi)perylene	1.2		mg/kg	0.19	0.050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-14 D2
 Client ID: DP-007-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 04:26
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/06/15 10:13
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	42.		mg/kg	2.4	0.78	20
Anthracene	15.		mg/kg	2.4	0.67	20
Fluoranthene	48.		mg/kg	2.4	0.74	20
Pyrene	38.		mg/kg	2.4	0.78	20
Benzo(a)anthracene	19.		mg/kg	2.4	0.78	20
Chrysene	17.		mg/kg	2.4	0.79	20
Benzo(b)fluoranthene	18.		mg/kg	2.4	0.81	20

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-14 D
 Client ID: DP-007-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 20:10
 Analyst: AL
 Percent Solids: 82%

Date Collected: 07/06/15 10:13
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.70		mg/kg	0.40	0.13	2
2-Methylnaphthalene	0.83		mg/kg	0.48	0.13	2
2-Chloronaphthalene	ND		mg/kg	0.40	0.13	2
Acenaphthylene	0.16	J	mg/kg	0.32	0.075	2
Acenaphthene	5.0		mg/kg	0.32	0.082	2
Fluorene	6.4		mg/kg	0.40	0.11	2
Phenanthrene	41.	E	mg/kg	0.24	0.078	2
Anthracene	18.	E	mg/kg	0.24	0.067	2
Fluoranthene	45.	E	mg/kg	0.24	0.074	2
Pyrene	40.	E	mg/kg	0.24	0.078	2
Benzo(a)anthracene	20.	E	mg/kg	0.24	0.078	2
Chrysene	18.	E	mg/kg	0.24	0.079	2
Benzo(b)fluoranthene	20.	E	mg/kg	0.24	0.081	2
Benzo(k)fluoranthene	5.9		mg/kg	0.24	0.076	2
Benzo(a)pyrene	16.		mg/kg	0.32	0.098	2
Indeno(1,2,3-cd)pyrene	9.3		mg/kg	0.32	0.089	2
Dibenzo(a,h)anthracene	2.3		mg/kg	0.24	0.078	2
Benzo(ghi)perylene	7.5		mg/kg	0.32	0.083	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-15
 Client ID: DP-008-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 17:03
 Analyst: AL
 Percent Solids: 89%

Date Collected: 07/06/15 10:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	0.044	J	mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.41		mg/kg	0.11	0.036	1
Anthracene	0.12		mg/kg	0.11	0.031	1
Fluoranthene	0.64		mg/kg	0.11	0.034	1
Pyrene	0.55		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.32		mg/kg	0.11	0.036	1
Chrysene	0.31		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.33		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.13		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.26		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.17		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.051	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.15		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	103		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-16 D2
 Client ID: DP-008-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 04:51
 Analyst: AL
 Percent Solids: 76%

Date Collected: 07/06/15 10:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	64.		mg/kg	2.6	0.85	20
Anthracene	23.		mg/kg	2.6	0.72	20
Fluoranthene	79.		mg/kg	2.6	0.80	20
Pyrene	71.		mg/kg	2.6	0.85	20
Benzo(a)anthracene	42.		mg/kg	2.6	0.85	20
Chrysene	36.		mg/kg	2.6	0.86	20
Benzo(b)fluoranthene	36.		mg/kg	2.6	0.88	20
Benzo(a)pyrene	31.		mg/kg	3.5	1.1	20

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-16 D
 Client ID: DP-008-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 19:44
 Analyst: AL
 Percent Solids: 76%

Date Collected: 07/06/15 10:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 03:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	8.3		mg/kg	0.44	0.14	2
2-Methylnaphthalene	6.9		mg/kg	0.52	0.14	2
2-Chloronaphthalene	ND		mg/kg	0.44	0.14	2
Acenaphthylene	0.97		mg/kg	0.35	0.082	2
Acenaphthene	7.9		mg/kg	0.35	0.090	2
Fluorene	9.6		mg/kg	0.44	0.12	2
Phenanthrene	55.	E	mg/kg	0.26	0.085	2
Anthracene	28.	E	mg/kg	0.26	0.072	2
Fluoranthene	57.	E	mg/kg	0.26	0.080	2
Pyrene	56.	E	mg/kg	0.26	0.085	2
Benzo(a)anthracene	47.	E	mg/kg	0.26	0.085	2
Chrysene	38.	E	mg/kg	0.26	0.086	2
Benzo(b)fluoranthene	41.	E	mg/kg	0.26	0.088	2
Benzo(k)fluoranthene	13.		mg/kg	0.26	0.083	2
Benzo(a)pyrene	32.	E	mg/kg	0.35	0.11	2
Indeno(1,2,3-cd)pyrene	16.		mg/kg	0.35	0.097	2
Dibenzo(a,h)anthracene	4.8		mg/kg	0.26	0.084	2
Benzo(ghi)perylene	13.		mg/kg	0.35	0.091	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	62		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-17
Client ID: DP-008-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/10/15 22:51
Analyst: AS
Percent Solids: 84%

Date Collected: 07/06/15 10:37
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.45		mg/kg	0.20	0.065	1
2-Methylnaphthalene	0.43		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	2.7		mg/kg	0.16	0.040	1
Fluorene	3.0		mg/kg	0.20	0.056	1
Phenanthrene	22.	E	mg/kg	0.12	0.038	1
Anthracene	8.3	E	mg/kg	0.12	0.032	1
Fluoranthene	24.	E	mg/kg	0.12	0.036	1
Pyrene	23.	E	mg/kg	0.12	0.038	1
Benzo(a)anthracene	14.	E	mg/kg	0.12	0.038	1
Chrysene	14.	E	mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	16.	E	mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	5.2		mg/kg	0.12	0.037	1
Benzo(a)pyrene	12.	E	mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	8.0	E	mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	1.9		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	6.9		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	64		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-17 D
 Client ID: DP-008-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 04:48
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/06/15 10:37
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	31.		mg/kg	1.2	0.38	10
Anthracene	9.9		mg/kg	1.2	0.32	10
Fluoranthene	39.		mg/kg	1.2	0.36	10
Pyrene	33.		mg/kg	1.2	0.38	10
Benzo(a)anthracene	18.		mg/kg	1.2	0.38	10
Chrysene	18.		mg/kg	1.2	0.38	10
Benzo(b)fluoranthene	20.		mg/kg	1.2	0.39	10
Benzo(a)pyrene	17.		mg/kg	1.6	0.48	10
Indeno(1,2,3-cd)pyrene	10.		mg/kg	1.6	0.43	10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-18
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/10/15 23:17
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

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	0.070	J	mg/kg	0.16	0.040	1
Fluorene	0.059	J	mg/kg	0.20	0.056	1
Phenanthrene	0.88		mg/kg	0.12	0.038	1
Anthracene	0.24		mg/kg	0.12	0.033	1
Fluoranthene	1.8		mg/kg	0.12	0.036	1
Pyrene	1.5		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.88		mg/kg	0.12	0.038	1
Chrysene	0.91		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.0		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.44		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.82		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.57		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.14		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.51		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	58		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-19
 Client ID: DP-009-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/10/15 23:43
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.084	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	0.068	J	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	0.91		mg/kg	0.15	0.040	1
Fluorene	0.59		mg/kg	0.19	0.055	1
Phenanthrene	7.2		mg/kg	0.12	0.038	1
Anthracene	2.0		mg/kg	0.12	0.032	1
Fluoranthene	12.	E	mg/kg	0.12	0.035	1
Pyrene	9.9	E	mg/kg	0.12	0.037	1
Benzo(a)anthracene	4.8		mg/kg	0.12	0.038	1
Chrysene	4.9		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	5.6		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	2.2		mg/kg	0.12	0.037	1
Benzo(a)pyrene	4.2		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	2.9		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	0.72		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	2.6		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-19 D

Date Collected: 07/06/15 10:45

Client ID: DP-009-SO-010-02

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/08/15 11:23

Analytical Date: 07/13/15 05:14

Analyst: AS

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	9.7		mg/kg	0.46	0.14	4
Pyrene	7.9		mg/kg	0.46	0.15	4

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-20
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 00:08
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.20	J	mg/kg	0.21	0.070	1
2-Methylnaphthalene	0.095	J	mg/kg	0.26	0.068	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	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	0.12	J	mg/kg	0.13	0.042	1
Anthracene	ND		mg/kg	0.13	0.035	1
Fluoranthene	0.073	J	mg/kg	0.13	0.039	1
Pyrene	0.077	J	mg/kg	0.13	0.041	1
Benzo(a)anthracene	0.063	J	mg/kg	0.13	0.042	1
Chrysene	0.099	J	mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	0.084	J	mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.040	1
Benzo(a)pyrene	0.061	J	mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.056	J	mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.079	J	mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	55		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-21
 Client ID: DP-009-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 00:34
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/06/15 11:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

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	0.053	J	mg/kg	0.16	0.038	1
Acenaphthene	0.084	J	mg/kg	0.16	0.042	1
Fluorene	0.11	J	mg/kg	0.20	0.059	1
Phenanthrene	1.4		mg/kg	0.12	0.040	1
Anthracene	0.16		mg/kg	0.12	0.034	1
Fluoranthene	1.6		mg/kg	0.12	0.038	1
Pyrene	1.6		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.47		mg/kg	0.12	0.040	1
Chrysene	0.78		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.65		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.22		mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.50		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	0.34		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	0.080	J	mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.32		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-22
 Client ID: DP-010-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 01:00
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/06/15 11:15
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

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	0.084	J	mg/kg	0.15	0.036	1
Acenaphthene	0.16		mg/kg	0.15	0.039	1
Fluorene	0.12	J	mg/kg	0.19	0.054	1
Phenanthrene	2.0		mg/kg	0.11	0.037	1
Anthracene	0.56		mg/kg	0.11	0.032	1
Fluoranthene	5.0		mg/kg	0.11	0.035	1
Pyrene	4.5		mg/kg	0.11	0.037	1
Benzo(a)anthracene	2.3		mg/kg	0.11	0.037	1
Chrysene	2.3		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	2.8		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	1.0		mg/kg	0.11	0.036	1
Benzo(a)pyrene	2.2		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	1.5		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.37		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	1.3		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-23 D2

Date Collected: 07/06/15 11:20

Client ID: DP-010-SO-050-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/08/15 11:23

Analytical Date: 07/13/15 06:08

Analyst: AS

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Phenanthrene	88.		mg/kg	2.4	0.80	20
Fluoranthene	84.		mg/kg	2.4	0.75	20
Pyrene	72.		mg/kg	2.4	0.80	20

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-23 D
 Client ID: DP-010-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 05:17
 Analyst: AS
 Percent Solids: 81%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	4.5		mg/kg	0.82	0.27	4
2-Methylnaphthalene	3.9		mg/kg	0.98	0.26	4
2-Chloronaphthalene	ND		mg/kg	0.82	0.27	4
Acenaphthylene	ND		mg/kg	0.65	0.15	4
Acenaphthene	12.		mg/kg	0.65	0.17	4
Fluorene	12.		mg/kg	0.82	0.23	4
Phenanthrene	78.	E	mg/kg	0.49	0.16	4
Anthracene	26.		mg/kg	0.49	0.14	4
Fluoranthene	78.	E	mg/kg	0.49	0.15	4
Pyrene	72.	E	mg/kg	0.49	0.16	4
Benzo(a)anthracene	32.		mg/kg	0.49	0.16	4
Chrysene	30.		mg/kg	0.49	0.16	4
Benzo(b)fluoranthene	32.		mg/kg	0.49	0.16	4
Benzo(k)fluoranthene	12.		mg/kg	0.49	0.16	4
Benzo(a)pyrene	26.		mg/kg	0.65	0.20	4
Indeno(1,2,3-cd)pyrene	15.		mg/kg	0.65	0.18	4
Dibenzo(a,h)anthracene	3.8		mg/kg	0.49	0.16	4
Benzo(ghi)perylene	13.		mg/kg	0.65	0.17	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	66		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-24 D2
 Client ID: DP-010-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 10:41
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	51.		mg/kg	2.4	0.78	20
Fluoranthene	45.		mg/kg	2.4	0.74	20
Pyrene	39.		mg/kg	2.4	0.78	20

Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-24 D
 Client ID: DP-010-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 05:43
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.2		mg/kg	0.80	0.27	4
2-Methylnaphthalene	2.5		mg/kg	0.96	0.26	4
2-Chloronaphthalene	ND		mg/kg	0.80	0.26	4
Acenaphthylene	ND		mg/kg	0.64	0.15	4
Acenaphthene	7.4		mg/kg	0.64	0.16	4
Fluorene	7.4		mg/kg	0.80	0.23	4
Phenanthrene	53.	E	mg/kg	0.48	0.16	4
Anthracene	15.		mg/kg	0.48	0.13	4
Fluoranthene	46.	E	mg/kg	0.48	0.15	4
Pyrene	40.	E	mg/kg	0.48	0.16	4
Benzo(a)anthracene	16.		mg/kg	0.48	0.16	4
Chrysene	15.		mg/kg	0.48	0.16	4
Benzo(b)fluoranthene	16.		mg/kg	0.48	0.16	4
Benzo(k)fluoranthene	6.2		mg/kg	0.48	0.15	4
Benzo(a)pyrene	13.		mg/kg	0.64	0.20	4
Indeno(1,2,3-cd)pyrene	7.8		mg/kg	0.64	0.18	4
Dibenzo(a,h)anthracene	1.9		mg/kg	0.48	0.16	4
Benzo(ghi)perylene	6.6		mg/kg	0.64	0.17	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	67		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-25
 Client ID: DP-010-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 02:16
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/06/15 11:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.43		mg/kg	0.22	0.072	1
2-Methylnaphthalene	0.48		mg/kg	0.26	0.069	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.070	1
Acenaphthylene	ND		mg/kg	0.17	0.040	1
Acenaphthene	4.1		mg/kg	0.17	0.044	1
Fluorene	5.0		mg/kg	0.22	0.062	1
Phenanthrene	26.	E	mg/kg	0.13	0.042	1
Anthracene	12.	E	mg/kg	0.13	0.036	1
Fluoranthene	29.	E	mg/kg	0.13	0.040	1
Pyrene	28.	E	mg/kg	0.13	0.042	1
Benzo(a)anthracene	22.	E	mg/kg	0.13	0.042	1
Chrysene	18.	E	mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	22.	E	mg/kg	0.13	0.044	1
Benzo(k)fluoranthene	6.0		mg/kg	0.13	0.041	1
Benzo(a)pyrene	16.	E	mg/kg	0.17	0.053	1
Indeno(1,2,3-cd)pyrene	9.7	E	mg/kg	0.17	0.048	1
Dibenzo(a,h)anthracene	2.2		mg/kg	0.13	0.042	1
Benzo(ghi)perylene	7.7		mg/kg	0.17	0.045	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-25 D
 Client ID: DP-010-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 05:41
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/06/15 11:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	44.		mg/kg	2.6	0.84	20
Anthracene	14.		mg/kg	2.6	0.72	20
Fluoranthene	54.		mg/kg	2.6	0.79	20
Pyrene	44.		mg/kg	2.6	0.84	20
Benzo(a)anthracene	24.		mg/kg	2.6	0.84	20
Chrysene	23.		mg/kg	2.6	0.85	20
Benzo(b)fluoranthene	25.		mg/kg	2.6	0.87	20
Benzo(a)pyrene	20.		mg/kg	3.4	1.0	20
Indeno(1,2,3-cd)pyrene	12.		mg/kg	3.4	0.96	20

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-26
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 02:42
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	ND		mg/kg	0.11	0.033	1
Pyrene	ND		mg/kg	0.11	0.035	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.035	1
Chrysene	ND		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-27
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 03:07
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13	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	0.068	1
Acenaphthylene	0.10	J	mg/kg	0.17	0.039	1
Acenaphthene	0.21		mg/kg	0.17	0.043	1
Fluorene	0.22		mg/kg	0.21	0.060	1
Phenanthrene	3.1		mg/kg	0.13	0.041	1
Anthracene	0.87		mg/kg	0.13	0.035	1
Fluoranthene	6.0		mg/kg	0.13	0.038	1
Pyrene	5.6		mg/kg	0.13	0.041	1
Benzo(a)anthracene	2.9		mg/kg	0.13	0.041	1
Chrysene	2.8		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	3.0		mg/kg	0.13	0.042	1
Benzo(k)fluoranthene	1.2		mg/kg	0.13	0.040	1
Benzo(a)pyrene	2.6		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	1.6		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.41		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	1.4		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	45		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-28
 Client ID: DP-011-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/10/15 23:07
 Analyst: AS
 Percent Solids: 80%

Date Collected: 07/06/15 12:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	0.16		mg/kg	0.16	0.043	1
Fluorene	0.14	J	mg/kg	0.21	0.059	1
Phenanthrene	0.88		mg/kg	0.12	0.040	1
Anthracene	0.22		mg/kg	0.12	0.034	1
Fluoranthene	0.78		mg/kg	0.12	0.038	1
Pyrene	0.63		mg/kg	0.12	0.040	1
Benzo(a)anthracene	0.27		mg/kg	0.12	0.040	1
Chrysene	0.28		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	0.30		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.12		mg/kg	0.12	0.039	1
Benzo(a)pyrene	0.24		mg/kg	0.16	0.051	1
Indeno(1,2,3-cd)pyrene	0.17		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.15	J	mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
 Client ID: EB01-070615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/10/15 22:26
 Analyst: AS

Date Collected: 07/06/15 14:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 20:36

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		15-120
4-Terphenyl-d14	78		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-31
 Client ID: DP-012-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/10/15 23:35
 Analyst: AS
 Percent Solids: 82%

Date Collected: 07/06/15 12:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.067	J	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	0.13	J	mg/kg	0.16	0.038	1
Acenaphthene	0.20		mg/kg	0.16	0.041	1
Fluorene	0.18	J	mg/kg	0.20	0.058	1
Phenanthrene	2.1		mg/kg	0.12	0.039	1
Anthracene	0.54		mg/kg	0.12	0.033	1
Fluoranthene	3.5		mg/kg	0.12	0.037	1
Pyrene	3.2		mg/kg	0.12	0.039	1
Benzo(a)anthracene	1.6		mg/kg	0.12	0.039	1
Chrysene	1.8		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	2.0		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.68		mg/kg	0.12	0.038	1
Benzo(a)pyrene	1.5		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.97		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	0.27		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.90		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		30-120
4-Terphenyl-d14	44		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-32
 Client ID: DP-012-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 00:02
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/06/15 12:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

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	64		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-33
 Client ID: DP-012-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 00:30
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/06/15 12:40
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	71		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-34
 Client ID: DP-013-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 00:58
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/06/15 14:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	ND		mg/kg	0.11	0.033	1
Pyrene	ND		mg/kg	0.11	0.035	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.035	1
Chrysene	ND		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-35
 Client ID: DP-013-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 01:12
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.81		mg/kg	0.21	0.070	1
2-Methylnaphthalene	0.53		mg/kg	0.25	0.067	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	1
Acenaphthylene	ND		mg/kg	0.17	0.039	1
Acenaphthene	2.0		mg/kg	0.17	0.044	1
Fluorene	1.9		mg/kg	0.21	0.060	1
Phenanthrene	13.	E	mg/kg	0.13	0.041	1
Anthracene	3.6		mg/kg	0.13	0.035	1
Fluoranthene	12.	E	mg/kg	0.13	0.039	1
Pyrene	9.7	E	mg/kg	0.13	0.041	1
Benzo(a)anthracene	4.3		mg/kg	0.13	0.041	1
Chrysene	4.2		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	3.6		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	2.7		mg/kg	0.13	0.040	1
Benzo(a)pyrene	3.8		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	2.1		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.46		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	1.8		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-35 D
 Client ID: DP-013-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 11:09
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	10.		mg/kg	0.25	0.083	2
Fluoranthene	10.		mg/kg	0.25	0.078	2
Pyrene	8.6		mg/kg	0.25	0.082	2

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-36 D
 Client ID: DP-013-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 01:40
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.42	0.14	2
2-Methylnaphthalene	ND		mg/kg	0.50	0.13	2
2-Chloronaphthalene	ND		mg/kg	0.42	0.14	2
Acenaphthylene	ND		mg/kg	0.33	0.078	2
Acenaphthene	ND		mg/kg	0.33	0.086	2
Fluorene	ND		mg/kg	0.42	0.12	2
Phenanthrene	0.39		mg/kg	0.25	0.081	2
Anthracene	0.12	J	mg/kg	0.25	0.069	2
Fluoranthene	0.60		mg/kg	0.25	0.076	2
Pyrene	0.56		mg/kg	0.25	0.081	2
Benzo(a)anthracene	0.35		mg/kg	0.25	0.082	2
Chrysene	0.43		mg/kg	0.25	0.082	2
Benzo(b)fluoranthene	0.20	J	mg/kg	0.25	0.084	2
Benzo(k)fluoranthene	0.26		mg/kg	0.25	0.079	2
Benzo(a)pyrene	0.25	J	mg/kg	0.33	0.10	2
Indeno(1,2,3-cd)pyrene	0.12	J	mg/kg	0.33	0.092	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.25	0.081	2
Benzo(ghi)perylene	0.19	J	mg/kg	0.33	0.087	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	55		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-37
 Client ID: DP-013-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/11/15 02:07
 Analyst: AS
 Percent Solids: 78%

Date Collected: 07/06/15 14:10
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		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	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.13	0.041	1
Anthracene	ND		mg/kg	0.13	0.035	1
Fluoranthene	0.046	J	mg/kg	0.13	0.039	1
Pyrene	0.042	J	mg/kg	0.13	0.041	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.041	1
Chrysene	ND		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 18:25
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/08/15 02:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG800638-1					
n-Nitrosodimethylamine	ND		mg/kg	0.32	0.052
Pyridine	ND		mg/kg	0.65	0.058
Benzaldehyde	ND		mg/kg	0.21	0.066
Aniline	ND		mg/kg	0.19	0.033
Phenol	ND		mg/kg	0.16	0.048
Bis(2-chloroethyl)ether	ND		mg/kg	0.15	0.046
2-Chlorophenol	ND		mg/kg	0.16	0.049
Benzyl Alcohol	ND		mg/kg	0.16	0.050
2-Methylphenol	ND		mg/kg	0.16	0.052
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.19	0.057
Acetophenone	ND		mg/kg	0.16	0.050
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.048
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.23	0.053
Hexachloroethane	ND		mg/kg	0.13	0.030
Nitrobenzene	ND		mg/kg	0.15	0.039
Isophorone	ND		mg/kg	0.15	0.043
2-Nitrophenol	ND		mg/kg	0.35	0.051
2,4-Dimethylphenol	ND		mg/kg	0.16	0.048
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.049
Benzoic Acid	ND		mg/kg	0.52	0.16
2,4-Dichlorophenol	ND		mg/kg	0.15	0.052
1,2,4-Trichlorobenzene	ND		mg/kg	0.16	0.053
Naphthalene	ND		mg/kg	0.16	0.054
4-Chloroaniline	ND		mg/kg	0.16	0.043
Hexachlorobutadiene	ND		mg/kg	0.16	0.046
Caprolactam	ND		mg/kg	0.16	0.045
P-Chloro-M-Cresol	ND		mg/kg	0.16	0.047
2-Methylnaphthalene	ND		mg/kg	0.19	0.052
Hexachlorocyclopentadiene	ND		mg/kg	0.46	0.10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 18:25
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/08/15 02:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG800638-1					
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.050
2,4,6-Trichlorophenol	ND		mg/kg	0.097	0.031
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.052
Biphenyl	ND		mg/kg	0.37	0.054
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
2-Nitroaniline	ND		mg/kg	0.16	0.046
Dimethyl phthalate	ND		mg/kg	0.16	0.041
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.042
Acenaphthylene	ND		mg/kg	0.13	0.030
3-Nitroaniline	ND		mg/kg	0.16	0.045
Acenaphthene	ND		mg/kg	0.13	0.033
2,4-Dinitrophenol	ND		mg/kg	0.78	0.22
4-Nitrophenol	ND		mg/kg	0.23	0.052
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.035
Dibenzofuran	ND		mg/kg	0.16	0.054
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.044
Diethyl phthalate	ND		mg/kg	0.16	0.034
Fluorene	ND		mg/kg	0.16	0.046
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.049
4-Nitroaniline	ND		mg/kg	0.16	0.044
4,6-Dinitro-o-cresol	ND		mg/kg	0.42	0.059
NitrosoDiPhenylAmine(NDPA)/DPA	ND		mg/kg	0.13	0.034
Azobenzene	ND		mg/kg	0.16	0.044
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.037
Hexachlorobenzene	ND		mg/kg	0.097	0.030
Pentachlorophenol	ND		mg/kg	0.13	0.035
Atrazine	ND		mg/kg	0.13	0.037
Phenanthrene	ND		mg/kg	0.097	0.032
Anthracene	ND		mg/kg	0.097	0.027

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 18:25
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 07/08/15 02:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-16 Batch: WG800638-1					
Carbazole	ND		mg/kg	0.16	0.035
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Fluoranthene	ND		mg/kg	0.097	0.030
Benzidine	ND		mg/kg	0.54	0.13
Pyrene	ND		mg/kg	0.097	0.032
Butyl benzyl phthalate	ND		mg/kg	0.16	0.032
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.043
Benzo(a)anthracene	ND		mg/kg	0.097	0.032
Chrysene	ND		mg/kg	0.097	0.032
Bis(2-Ethylhexyl)phthalate	ND		mg/kg	0.16	0.042
Di-n-octylphthalate	ND		mg/kg	0.16	0.040
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
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 19:51
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17-28,31-37 Batch: WG800787-1					
n-Nitrosodimethylamine	ND		mg/kg	0.32	0.053
Pyridine	ND		mg/kg	0.65	0.058
Benzaldehyde	ND		mg/kg	0.21	0.066
Aniline	ND		mg/kg	0.20	0.033
Phenol	ND		mg/kg	0.16	0.048
Bis(2-chloroethyl)ether	ND		mg/kg	0.15	0.046
2-Chlorophenol	ND		mg/kg	0.16	0.049
Benzyl Alcohol	ND		mg/kg	0.16	0.050
2-Methylphenol	ND		mg/kg	0.16	0.052
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.20	0.057
Acetophenone	ND		mg/kg	0.16	0.050
n-Nitrosodi-n-propylamine	ND		mg/kg	0.16	0.048
3-Methylphenol/4-Methylphenol	ND		mg/kg	0.23	0.053
Hexachloroethane	ND		mg/kg	0.13	0.030
Nitrobenzene	ND		mg/kg	0.15	0.039
Isophorone	ND		mg/kg	0.15	0.043
2-Nitrophenol	ND		mg/kg	0.35	0.051
2,4-Dimethylphenol	ND		mg/kg	0.16	0.048
Bis(2-chloroethoxy)methane	ND		mg/kg	0.18	0.049
Benzoic Acid	ND		mg/kg	0.53	0.16
2,4-Dichlorophenol	ND		mg/kg	0.15	0.053
1,2,4-Trichlorobenzene	ND		mg/kg	0.16	0.053
Naphthalene	ND		mg/kg	0.16	0.054
4-Chloroaniline	ND		mg/kg	0.16	0.043
Hexachlorobutadiene	ND		mg/kg	0.16	0.046
Caprolactam	ND		mg/kg	0.16	0.045
P-Chloro-M-Cresol	ND		mg/kg	0.16	0.047
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
Hexachlorocyclopentadiene	ND		mg/kg	0.46	0.10

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/10/15 19:51
 Analyst: AS

Extraction Method: EPA 3546
 Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17-28,31-37 Batch: WG800787-1					
1,2,4,5-Tetrachlorobenzene	ND		mg/kg	0.16	0.050
2,4,6-Trichlorophenol	ND		mg/kg	0.098	0.031
2,4,5-Trichlorophenol	ND		mg/kg	0.16	0.053
Biphenyl	ND		mg/kg	0.37	0.054
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
2-Nitroaniline	ND		mg/kg	0.16	0.046
Dimethyl phthalate	ND		mg/kg	0.16	0.041
2,6-Dinitrotoluene	ND		mg/kg	0.16	0.042
Acenaphthylene	ND		mg/kg	0.13	0.030
3-Nitroaniline	ND		mg/kg	0.16	0.045
Acenaphthene	ND		mg/kg	0.13	0.033
2,4-Dinitrophenol	ND		mg/kg	0.78	0.22
4-Nitrophenol	ND		mg/kg	0.23	0.053
2,4-Dinitrotoluene	ND		mg/kg	0.16	0.035
Dibenzofuran	ND		mg/kg	0.16	0.054
2,3,4,6-Tetrachlorophenol	ND		mg/kg	0.16	0.044
Diethyl phthalate	ND		mg/kg	0.16	0.034
Fluorene	ND		mg/kg	0.16	0.046
4-Chlorophenyl phenyl ether	ND		mg/kg	0.16	0.049
4-Nitroaniline	ND		mg/kg	0.16	0.044
4,6-Dinitro-o-cresol	ND		mg/kg	0.42	0.059
NitrosoDiPhenylAmine(NDPA)/DPA	ND		mg/kg	0.13	0.034
Azobenzene	ND		mg/kg	0.16	0.044
4-Bromophenyl phenyl ether	ND		mg/kg	0.16	0.037
Hexachlorobenzene	ND		mg/kg	0.098	0.030
Pentachlorophenol	ND		mg/kg	0.13	0.035
Atrazine	ND		mg/kg	0.13	0.037
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 19:51
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/08/15 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 17-28,31-37 Batch: WG800787-1					
Carbazole	ND		mg/kg	0.16	0.035
Di-n-butylphthalate	ND		mg/kg	0.16	0.031
Fluoranthene	ND		mg/kg	0.098	0.030
Benzidine	ND		mg/kg	0.54	0.13
Pyrene	ND		mg/kg	0.098	0.032
Butyl benzyl phthalate	ND		mg/kg	0.16	0.032
3,3'-Dichlorobenzidine	ND		mg/kg	0.16	0.043
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Bis(2-Ethylhexyl)phthalate	ND		mg/kg	0.16	0.042
Di-n-octylphthalate	ND		mg/kg	0.16	0.040
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.031
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG800986-1					
Benzaldehyde	ND		ug/l	5.0	0.99
Phenol	ND		ug/l	5.0	0.27
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.58
2-Methylphenol	ND		ug/l	5.0	0.70
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Acetophenone	ND		ug/l	5.0	0.43
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
Hexachloroethane	ND		ug/l	2.0	0.30
Nitrobenzene	ND		ug/l	2.0	0.40
Isophorone	ND		ug/l	5.0	0.79
2-Nitrophenol	ND		ug/l	10	1.0
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
Naphthalene	ND		ug/l	2.0	0.33
4-Chloroaniline	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Caprolactam	ND		ug/l	10	0.39
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Methylnaphthalene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Biphenyl	ND		ug/l	2.0	0.24
2-Chloronaphthalene	ND		ug/l	2.0	0.46
2-Nitroaniline	ND		ug/l	5.0	0.96

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG800986-1					
Dimethyl phthalate	ND		ug/l	5.0	0.33
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Acenaphthylene	ND		ug/l	2.0	0.37
3-Nitroaniline	ND		ug/l	5.0	0.67
Acenaphthene	ND		ug/l	2.0	0.28
2,4-Dinitrophenol	ND		ug/l	20	0.56
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
Dibenzofuran	ND		ug/l	2.0	0.22
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59
Diethyl phthalate	ND		ug/l	5.0	0.39
Fluorene	ND		ug/l	2.0	0.32
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Nitroaniline	ND		ug/l	5.0	0.83
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Hexachlorobenzene	ND		ug/l	2.0	0.40
Pentachlorophenol	ND		ug/l	10	3.2
Atrazine	ND		ug/l	3.0	0.79
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Carbazole	ND		ug/l	2.0	0.37
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
Benzo(a)anthracene	ND		ug/l	2.0	0.32

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30 Batch: WG800986-1					
Chrysene	ND		ug/l	2.0	0.30
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		15-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG800638-2 WG800638-3								
n-Nitrosodimethylamine	86		64		22-100	29		50
Pyridine	55		43		10-93	24		50
Benzaldehyde	88		68		40-140	26		50
Aniline	62		51		40-140	19		50
Phenol	81		63		26-90	25		50
Bis(2-chloroethyl)ether	81		61		40-140	28		50
2-Chlorophenol	91		71		25-102	25		50
Benzyl Alcohol	92		70		40-140	27		50
2-Methylphenol	96		76		30-130	23		50
Bis(2-chloroisopropyl)ether	82		64		40-140	25		50
Acetophenone	92		71		14-144	26		50
n-Nitrosodi-n-propylamine	87		66		32-121	27		50
3-Methylphenol/4-Methylphenol	102		80		30-130	24		50
Hexachloroethane	80		60		40-140	29		50
Nitrobenzene	83		66		40-140	23		50
Isophorone	89		70		40-140	24		50
2-Nitrophenol	98		72		30-130	31		50
2,4-Dimethylphenol	95		77		30-130	21		50
Bis(2-chloroethoxy)methane	82		65		40-117	23		50
Benzoic Acid	11		11		10-123	0		50
2,4-Dichlorophenol	97		77		30-130	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG800638-2 WG800638-3								
1,2,4-Trichlorobenzene	86		67		38-107	25		50
Naphthalene	87		68		40-140	25		50
4-Chloroaniline	107		83		40-140	25		50
Hexachlorobutadiene	86		67		40-140	25		50
Caprolactam	98		84		15-130	15		50
p-Chloro-m-cresol	93		76		26-103	20		50
2-Methylnaphthalene	92		72		40-140	24		50
Hexachlorocyclopentadiene	80		64		40-140	22		50
1,2,4,5-Tetrachlorobenzene	91		69		40-117	28		50
2,4,6-Trichlorophenol	102		81		30-130	23		50
2,4,5-Trichlorophenol	103		84		30-130	20		50
Biphenyl	95		74		54-104	25		50
2-Chloronaphthalene	98		79		40-140	21		50
2-Nitroaniline	108		90		47-134	18		50
Dimethyl phthalate	96		74		40-140	26		50
2,6-Dinitrotoluene	108		85		40-140	24		50
Acenaphthylene	101		83		40-140	20		50
3-Nitroaniline	82		68		26-129	19		50
Acenaphthene	93		74		31-137	23		50
2,4-Dinitrophenol	47		40		4-130	16		50
4-Nitrophenol	116	Q	93		11-114	22		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG800638-2 WG800638-3								
2,4-Dinitrotoluene	100	Q	82		28-89	20		50
Dibenzofuran	94		74		40-140	24		50
2,3,4,6-Tetrachlorophenol	99		80		58-132	21		50
Diethyl phthalate	95		74		40-140	25		50
Fluorene	98		76		40-140	25		50
4-Chlorophenyl phenyl ether	96		74		40-140	26		50
4-Nitroaniline	100		83		41-125	19		50
4,6-Dinitro-o-cresol	93		72		10-130	25		50
NDPA/DPA	103		83		36-157	22		50
Azobenzene	93		75		40-140	21		50
4-Bromophenyl phenyl ether	103		81		40-140	24		50
Hexachlorobenzene	102		85		40-140	18		50
Pentachlorophenol	87		71		17-109	20		50
Atrazine	108		84		40-140	25		50
Phenanthrene	92		73		40-140	23		50
Anthracene	102		81		40-140	23		50
Carbazole	95		73		54-128	26		50
Di-n-butylphthalate	93		74		40-140	23		50
Fluoranthene	100		80		40-140	22		50
Benzidine	29		53		10-66	59	Q	50
Pyrene	98		80		35-142	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-16 Batch: WG800638-2 WG800638-3								
Butyl benzyl phthalate	100		80		40-140	22		50
3,3'-Dichlorobenzidine	96		74		40-140	26		50
Benzo(a)anthracene	96		74		40-140	26		50
Chrysene	95		73		40-140	26		50
Bis(2-ethylhexyl)phthalate	95		74		40-140	25		50
Di-n-octylphthalate	102		78		40-140	27		50
Benzo(b)fluoranthene	93		73		40-140	24		50
Benzo(k)fluoranthene	93		70		40-140	28		50
Benzo(a)pyrene	96		73		40-140	27		50
Indeno(1,2,3-cd)pyrene	100		74		40-140	30		50
Dibenzo(a,h)anthracene	98		74		40-140	28		50
Benzo(ghi)perylene	96		73		40-140	27		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		70		25-120
Phenol-d6	91		71		10-120
Nitrobenzene-d5	87		69		23-120
2-Fluorobiphenyl	97		77		30-120
2,4,6-Tribromophenol	99		79		10-136
4-Terphenyl-d14	97		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-28,31-37 Batch: WG800787-2 WG800787-3								
n-Nitrosodimethylamine	50		51		22-100	2		50
Pyridine	48		50		10-93	4		50
Benzaldehyde	56		56		40-140	0		50
Aniline	42		41		40-140	2		50
Phenol	51		50		26-90	2		50
Bis(2-chloroethyl)ether	52		52		40-140	0		50
2-Chlorophenol	60		58		25-102	3		50
Benzyl Alcohol	58		57		40-140	2		50
2-Methylphenol	60		62		30-130.	3		50
Bis(2-chloroisopropyl)ether	52		52		40-140	0		50
Acetophenone	58		58		14-144	0		50
n-Nitrosodi-n-propylamine	56		56		32-121	0		50
3-Methylphenol/4-Methylphenol	66		64		30-130	3		50
Hexachloroethane	53		52		40-140	2		50
Nitrobenzene	52		55		40-140	6		50
Isophorone	58		58		40-140	0		50
2-Nitrophenol	64		62		30-130	3		50
2,4-Dimethylphenol	59		60		30-130	2		50
Bis(2-chloroethoxy)methane	54		53		40-117	2		50
Benzoic Acid	23		15		10-123	42		50
2,4-Dichlorophenol	61		65		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-28,31-37 Batch: WG800787-2 WG800787-3								
1,2,4-Trichlorobenzene	56		59		38-107	5		50
Naphthalene	57		59		40-140	3		50
4-Chloroaniline	68		71		40-140	4		50
Hexachlorobutadiene	56		59		40-140	5		50
Caprolactam	65		69		15-130	6		50
p-Chloro-m-cresol	59		61		26-103	3		50
2-Methylnaphthalene	59		63		40-140	7		50
Hexachlorocyclopentadiene	52		55		40-140	6		50
1,2,4,5-Tetrachlorobenzene	60		59		40-117	2		50
2,4,6-Trichlorophenol	65		68		30-130	5		50
2,4,5-Trichlorophenol	66		71		30-130	7		50
Biphenyl	62		63		54-104	2		50
2-Chloronaphthalene	63		67		40-140	6		50
2-Nitroaniline	70		76		47-134	8		50
Dimethyl phthalate	62		64		40-140	3		50
2,6-Dinitrotoluene	68		74		40-140	8		50
Acenaphthylene	65		68		40-140	5		50
3-Nitroaniline	52		54		26-129	4		50
Acenaphthene	59		62		31-137	5		50
2,4-Dinitrophenol	54		51		4-130	6		50
4-Nitrophenol	71		74		11-114	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-28,31-37 Batch: WG800787-2 WG800787-3								
2,4-Dinitrotoluene	66		67		28-89	2		50
Dibenzofuran	61		62		40-140	2		50
2,3,4,6-Tetrachlorophenol	64		65		58-132	2		50
Diethyl phthalate	62		64		40-140	3		50
Fluorene	63		66		40-140	5		50
4-Chlorophenyl phenyl ether	64		64		40-140	0		50
4-Nitroaniline	65		68		41-125	5		50
4,6-Dinitro-o-cresol	69		68		10-130	1		50
NDPA/DPA	67		69		36-157	3		50
Azobenzene	60		62		40-140	3		50
4-Bromophenyl phenyl ether	68		71		40-140	4		50
Hexachlorobenzene	68		72		40-140	6		50
Pentachlorophenol	55		55		17-109	0		50
Atrazine	73		76		40-140	4		50
Phenanthrene	61		63		40-140	3		50
Anthracene	66		70		40-140	6		50
Carbazole	61		65		54-128	6		50
Di-n-butylphthalate	63		66		40-140	5		50
Fluoranthene	66		69		40-140	4		50
Benzidine	40		39		10-66	3		50
Pyrene	66		68		35-142	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 17-28,31-37 Batch: WG800787-2 WG800787-3								
Butyl benzyl phthalate	66		71		40-140	7		50
3,3'-Dichlorobenzidine	61		61		40-140	0		50
Benzo(a)anthracene	62		64		40-140	3		50
Chrysene	60		62		40-140	3		50
Bis(2-ethylhexyl)phthalate	64		64		40-140	0		50
Di-n-octylphthalate	66		68		40-140	3		50
Benzo(b)fluoranthene	58		60		40-140	3		50
Benzo(k)fluoranthene	63		64		40-140	2		50
Benzo(a)pyrene	62		63		40-140	2		50
Indeno(1,2,3-cd)pyrene	63		65		40-140	3		50
Dibenzo(a,h)anthracene	62		64		40-140	3		50
Benzo(ghi)perylene	62		62		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		59		25-120
Phenol-d6	62		60		10-120
Nitrobenzene-d5	60		58		23-120
2-Fluorobiphenyl	67		70		30-120
2,4,6-Tribromophenol	71		76		10-136
4-Terphenyl-d14	71		75		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG800986-2 WG800986-3								
Benzaldehyde	70		78		40-140	11		30
Phenol	29		33		12-110	13		30
Bis(2-chloroethyl)ether	65		73		40-140	12		30
2-Chlorophenol	68		77		27-123	12		30
2-Methylphenol	63		72		30-130	13		30
Bis(2-chloroisopropyl)ether	66		74		40-140	11		30
Acetophenone	74		84		39-129	13		30
n-Nitrosodi-n-propylamine	72		81		29-132	12		30
3-Methylphenol/4-Methylphenol	66		73		30-130	10		30
Hexachloroethane	40		46		40-140	14		30
Nitrobenzene	68		78		40-140	14		30
Isophorone	75		83		40-140	10		30
2-Nitrophenol	80		88		30-130	10		30
2,4-Dimethylphenol	69		72		30-130	4		30
Bis(2-chloroethoxy)methane	69		77		40-140	11		30
2,4-Dichlorophenol	83		92		30-130	10		30
Naphthalene	64		73		40-140	13		30
4-Chloroaniline	79		86		40-140	8		30
Hexachlorobutadiene	43		50		40-140	15		30
Caprolactam	27		28		10-130	4		30
p-Chloro-m-cresol	79		86		23-97	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG800986-2 WG800986-3								
2-Methylnaphthalene	68		77		40-140	12		30
Hexachlorocyclopentadiene	32	Q	36	Q	40-140	12		30
1,2,4,5-Tetrachlorobenzene	61		66		2-134	8		30
2,4,6-Trichlorophenol	89		94		30-130	5		30
2,4,5-Trichlorophenol	91		98		30-130	7		30
Biphenyl	74		82		40-140	10		30
2-Chloronaphthalene	76		85		40-140	11		30
2-Nitroaniline	97		104		52-143	7		30
Dimethyl phthalate	86		90		40-140	5		30
2,6-Dinitrotoluene	94		103		40-140	9		30
Acenaphthylene	84		92		45-123	9		30
3-Nitroaniline	72		75		25-145	4		30
Acenaphthene	77		83		37-111	8		30
2,4-Dinitrophenol	88		91		20-130	3		30
4-Nitrophenol	58		55		10-80	5		30
2,4-Dinitrotoluene	91		94		24-96	3		30
Dibenzofuran	81		84		40-140	4		30
2,3,4,6-Tetrachlorophenol	88		91		54-145	3		30
Diethyl phthalate	88		89		40-140	1		30
Fluorene	86		89		40-140	3		30
4-Chlorophenyl phenyl ether	83		86		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG800986-2 WG800986-3								
4-Nitroaniline	87		87		51-143	0		30
4,6-Dinitro-o-cresol	97		102		20-164	5		30
NDPA/DPA	87		91		40-140	4		30
4-Bromophenyl phenyl ether	90		95		40-140	5		30
Hexachlorobenzene	91		98		40-140	7		30
Pentachlorophenol	76		82		9-103	8		30
Atrazine	89		92		40-140	3		30
Phenanthrene	83		88		40-140	6		30
Anthracene	89		94		40-140	5		30
Carbazole	84		90		55-144	7		30
Di-n-butylphthalate	90		94		40-140	4		30
Fluoranthene	90		96		40-140	6		30
Pyrene	90		95		26-127	5		30
Butyl benzyl phthalate	92		99		40-140	7		30
3,3'-Dichlorobenzidine	86		87		40-140	1		30
Benzo(a)anthracene	87		92		40-140	6		30
Chrysene	85		91		40-140	7		30
Bis(2-Ethylhexyl)phthalate	92		97		40-140	5		30
Di-n-octylphthalate	96		101		40-140	5		30
Benzo(b)fluoranthene	87		92		40-140	6		30
Benzo(k)fluoranthene	86		91		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30 Batch: WG800986-2 WG800986-3								
Benzo(a)pyrene	84		89		40-140	6		30
Indeno(1,2,3-cd)Pyrene	91		94		40-140	3		30
Dibenzo(a,h)anthracene	90		95		40-140	5		30
Benzo(ghi)perylene	88		93		40-140	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	65		72		23-120
2-Fluorobiphenyl	72		80		15-120
4-Terphenyl-d14	80		86		41-149

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-01
 Client ID: DP-003-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 11:15
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/06/15 08:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-01 D
Client ID: DP-003-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 13:21
Analyst: AR
Percent Solids: 90%

Date Collected: 07/06/15 08:25
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	436.		mg/kg	73.1	8.16	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 11:37
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	124.		mg/kg	41.7	4.65	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 13:13
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 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	3.2	0.062	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-03
 Client ID: DP-003-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 23:00
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/06/15 08:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	114.		mg/kg	42.0	4.69	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-03
 Client ID: DP-003-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 13:53
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/06/15 08:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-04
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 12:10
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	88.5		mg/kg	35.8	4.00	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-04
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 14:32
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-05
 Client ID: DP-004-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 15:12
 Analyst: BS
 Percent Solids: 82%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	0.77	J	mg/kg	2.8	0.054	1
-------------------------	------	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-05 D
Client ID: DP-004-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 12:09
Analyst: AR
Percent Solids: 82%

Date Collected: 07/06/15 09:05
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	3580		mg/kg	782	87.3	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-06
 Client ID: DP-005-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 23:36
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/06/15 09:15
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	327.		mg/kg	37.1	4.14	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-06
 Client ID: DP-005-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 15:51
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/06/15 09:15
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.5	0.049	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-07
 Client ID: DP-005-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 16:31
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/06/15 09:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	1.6	J	mg/kg	3.0	0.057	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-07 D

Date Collected: 07/06/15 09:30

Client ID: DP-005-SO-100-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 05:48

Analytical Date: 07/10/15 12:45

Analyst: AR

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5420		mg/kg	2150	240.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-08
 Client ID: DP-005-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 03:45
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/06/15 09:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	128.		mg/kg	39.9	4.45	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-08
 Client ID: DP-005-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 17:10
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/06/15 09:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-09
 Client ID: DP-006-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 17:50
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/06/15 09:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-09 D

Date Collected: 07/06/15 09:50

Client ID: DP-006-SO-010-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 05:48

Analytical Date: 07/10/15 14:19

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1060		mg/kg	375	41.8	10
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-10
 Client ID: DP-006-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 18:29
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/06/15 09:56
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-10 D
Client ID: DP-006-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 15:27
Analyst: AR
Percent Solids: 82%

Date Collected: 07/06/15 09:56
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1120		mg/kg	395	44.0	10
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	100		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-11
 Client ID: DP-006-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 19:09
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/06/15 10:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.049	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-11 D

Date Collected: 07/06/15 10:00

Client ID: DP-006-SO-100-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 05:48

Analytical Date: 07/10/15 15:08

Analyst: AR

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	8060		mg/kg	1860	208.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-12
 Client ID: DP-007-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 12:42
 Analyst: AR
 Percent Solids: 93%

Date Collected: 07/06/15 10:02
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	245.		mg/kg	35.4	3.95	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-12
 Client ID: DP-007-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 19:48
 Analyst: BS
 Percent Solids: 93%

Date Collected: 07/06/15 10:02
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-13
 Client ID: DP-007-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 13:14
 Analyst: AR
 Percent Solids: 69%

Date Collected: 07/06/15 10:10
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	376.		mg/kg	47.4	5.29	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-13
 Client ID: DP-007-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 23:05
 Analyst: BS
 Percent Solids: 69%

Date Collected: 07/06/15 10:10
 Date Received: 07/06/15
 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	3.3	0.064	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-14
 Client ID: DP-007-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 01:04
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/06/15 10:13
 Date Received: 07/06/15
 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	96		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-14 D
Client ID: DP-007-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 14:19
Analyst: AR
Percent Solids: 82%

Date Collected: 07/06/15 10:13
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7120		mg/kg	2000	223.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-15
 Client ID: DP-008-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 12:10
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/06/15 10:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	61.7		mg/kg	36.3	4.06	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-15
 Client ID: DP-008-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 01:43
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/06/15 10:30
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-16
 Client ID: DP-008-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 02:22
 Analyst: BS
 Percent Solids: 76%

Date Collected: 07/06/15 10:35
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	0.83	J	mg/kg	3.2	0.061	1
-------------------------	------	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-16 D

Date Collected: 07/06/15 10:35

Client ID: DP-008-SO-050-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 05:48

Analytical Date: 07/10/15 14:32

Analyst: AR

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	4220		mg/kg	853	95.2	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-17
 Client ID: DP-008-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 03:02
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/06/15 10:37
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-17 D
 Client ID: DP-008-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 13:56
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/06/15 10:37
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	4290		mg/kg	786	87.7	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-18
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 13:14
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	266.		mg/kg	38.3	4.28	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-18
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 03:41
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-19
 Client ID: DP-009-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 12:42
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	191.		mg/kg	38.6	4.31	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-19
 Client ID: DP-009-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 04:20
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-20
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 14:52
 Analyst: AR
 Percent Solids: 77%

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	130.		mg/kg	42.5	4.74	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-20
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 05:00
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-21
 Client ID: DP-009-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 05:39
 Analyst: BS
 Percent Solids: 79%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-21 D
Client ID: DP-009-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 13:47
Analyst: AR
Percent Solids: 79%

Date Collected: 07/06/15 11:00
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	10900		mg/kg	1980	220.	50
---------------	-------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-22
 Client ID: DP-010-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 06:19
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/06/15 11:15
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-22 D

Date Collected: 07/06/15 11:15

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

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 19:07

Analytical Date: 07/09/15 16:27

Analyst: AR

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	596.		mg/kg	188	21.0	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-23
 Client ID: DP-010-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 06:58
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-23 D

Date Collected: 07/06/15 11:20

Client ID: DP-010-SO-050-01

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 19:07

Analytical Date: 07/10/15 15:08

Analyst: AR

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1410		mg/kg	392	43.7	10
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-24
Client ID: DP-010-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 07:37
Analyst: BS
Percent Solids: 83%

Date Collected: 07/06/15 11:20
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-24 D
Client ID: DP-010-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 14:32
Analyst: AR
Percent Solids: 83%

Date Collected: 07/06/15 11:20
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	563.		mg/kg	196	21.9	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-25
 Client ID: DP-010-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 12:12
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/06/15 11:25
 Date Received: 07/06/15
 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	89		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-25 D
Client ID: DP-010-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 13:47
Analyst: AR
Percent Solids: 77%

Date Collected: 07/06/15 11:25
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7440		mg/kg	2050	228.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-26
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 13:30
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	6.12	J	mg/kg	35.2	3.93	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-26
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 14:14
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
--	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.049	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-27
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 14:54
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-27 D
Client ID: DP-011-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 13:56
Analyst: AR
Percent Solids: 79%

Date Collected: 07/06/15 11:55
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	359.		mg/kg	209	23.3	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-28
 Client ID: DP-011-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 15:44
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/06/15 12:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.33	J	mg/kg	39.3	4.39	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-28
 Client ID: DP-011-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 15:35
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/06/15 12:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.059	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
 Client ID: EB01-070615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 13:21
 Analyst: AR

Date Collected: 07/06/15 14:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 19:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	202	J	ug/l	610	25.6	1
---------------	-----	---	------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
 Client ID: EB01-070615
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 23:40
 Analyst: BS

Date Collected: 07/06/15 14:20
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/l	50	3.0	1
-------------------------	----	--	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-31
Client ID: DP-012-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 16:15
Analyst: BS
Percent Solids: 82%

Date Collected: 07/06/15 12:20
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-31 D
Client ID: DP-012-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 11:33
Analyst: AR
Percent Solids: 82%

Date Collected: 07/06/15 12:20
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	780.		mg/kg	194	21.6	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-32
 Client ID: DP-012-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 15:16
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/06/15 12:25
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	332.		mg/kg	39.1	4.37	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-32
Client ID: DP-012-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 16:56
Analyst: BS
Percent Solids: 83%

Date Collected: 07/06/15 12:25
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-33
 Client ID: DP-012-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 20:01
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/06/15 12:40
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.6	4.31	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-33
 Client ID: DP-012-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 17:36
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/06/15 12:40
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-34
 Client ID: DP-013-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 19:25
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/06/15 14:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	29.8	J	mg/kg	35.6	3.98	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-34
 Client ID: DP-013-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 18:17
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/06/15 14:00
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-35
 Client ID: DP-013-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 18:57
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.7	J	mg/kg	3.0	0.057	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-35 D
Client ID: DP-013-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 14:52
Analyst: AR
Percent Solids: 77%

Date Collected: 07/06/15 14:05
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	3430		mg/kg	2050	229.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-36
 Client ID: DP-013-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 19:38
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 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	90		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515325**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515325-36 D

Date Collected: 07/06/15 14:05

Client ID: DP-013-SO-100-02

Date Received: 07/06/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 19:07

Analytical Date: 07/10/15 15:44

Analyst: AR

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	9540		mg/kg	2030	227.	50
---------------	------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-37
 Client ID: DP-013-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 18:50
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/06/15 14:10
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	119.		mg/kg	41.1	4.59	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	67		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-37
 Client ID: DP-013-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 20:18
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/06/15 14:10
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.4	J	mg/kg	3.0	0.058	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/09/15 21:13
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/08/15 05:48

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-04,06-20 Batch: WG800666-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.7	3.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/09/15 10:21
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 05,21-28,31-37 Batch: WG800964-1					
Total Petroleum Hydrocarbons (C9-C44)	4.89	J	mg/kg	32.0	3.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 11:33
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 19:54

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 30 Batch: WG800971-1					
Total Petroleum Hydrocarbons (C9-C44)	189	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 10:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-12 Batch: WG802831-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 22:26
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 13-24 Batch: WG802833-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 11:32
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 25-28,31-37 Batch: WG802838-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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): 30 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

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-04,06-20 Batch: WG800666-2								
Total Petroleum Hydrocarbons (C9-C44)	80		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	84				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05,21-28,31-37 Batch: WG800964-2								
Total Petroleum Hydrocarbons (C9-C44)	70		-		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: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 30 Batch: WG800971-2 WG800971-3								
DROD (C9-C44)	86		78		40-140	10		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	87		85		40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 Batch: WG802831-1 WG802831-2								
Gasoline Range Organics	83		92		80-120	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		103		70-130
4-Bromofluorobenzene	108		109		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 Batch: WG802833-1 WG802833-2								
Gasoline Range Organics	94		95		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		105		70-130
4-Bromofluorobenzene	110		110		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-28,31-37 Batch: WG802838-1 WG802838-2								
Gasoline Range Organics	93		95		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	106		102		70-130
4-Bromofluorobenzene	99		96		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 30 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

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG802831-5 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01												
Gasoline Range Organics	ND	22.2	20	90		-	-		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	107				70-130
4-Bromofluorobenzene	108				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 QC Batch ID: WG802833-5 QC Sample: L1515325-13 Client ID: DP-007-SO-050-01												
Gasoline Range Organics	ND	26.7	24	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	102				70-130
4-Bromofluorobenzene	105				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-28,31-37 QC Batch ID: WG802838-5 QC Sample: L1515325-25 Client ID: DP-010-SO-100-01												
Gasoline Range Organics	ND	24.1	21	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	94				70-130
4-Bromofluorobenzene	77				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-04,06-20 QC Batch ID: WG800666-3 QC Sample: L1515325-03 Client ID: DP-003-SO-100-01						

Total Petroleum Hydrocarbons (C9-C44)	114	120	mg/kg	5		40
---------------------------------------	-----	-----	-------	---	--	----

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		84		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05,21-28,31-37 QC Batch ID: WG800964-3 QC Sample: L1515522-06 Client ID: DUP Sample						
--	--	--	--	--	--	--

Total Petroleum Hydrocarbons (C9-C44)	112	104	mg/kg	7		40
---------------------------------------	-----	-----	-------	---	--	----

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	69		78		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG802831-4 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		104		70-130
4-Bromofluorobenzene	96		109		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 13-24 QC Batch ID: WG802833-4 QC Sample: L1515325-13 Client ID: DP-007-SO-050-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		98		70-130
4-Bromofluorobenzene	93		100		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 25-28,31-37 QC Batch ID: WG802838-4 QC Sample: L1515325-25 Client ID: DP-010-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89	97	70-130
4-Bromofluorobenzene	72	80	70-130



METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-01
 Client ID: DP-003-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/06/15 08:25
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	8.8	1.8	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Antimony, Total	3.3	J	mg/kg	4.4	0.70	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Arsenic, Total	2.3		mg/kg	0.88	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Barium, Total	130		mg/kg	0.88	0.26	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Beryllium, Total	0.22	J	mg/kg	0.44	0.09	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Cadmium, Total	2.0		mg/kg	0.88	0.06	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Calcium, Total	12000		mg/kg	8.8	2.6	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Chromium, Total	34		mg/kg	0.88	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Cobalt, Total	7.7		mg/kg	1.8	0.44	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Copper, Total	62		mg/kg	0.88	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Iron, Total	22000		mg/kg	4.4	1.8	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Lead, Total	320		mg/kg	4.4	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Magnesium, Total	4800		mg/kg	8.8	0.88	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Manganese, Total	350		mg/kg	0.88	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Mercury, Total	0.61		mg/kg	0.07	0.02	1	07/09/15 07:12	07/09/15 22:17	EPA 7471B	1,7471B	EA
Nickel, Total	44		mg/kg	2.2	0.35	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Potassium, Total	540		mg/kg	220	35.	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Silver, Total	0.23	J	mg/kg	0.88	0.18	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Sodium, Total	110	J	mg/kg	180	26.	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.88	0.09	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT
Zinc, Total	340		mg/kg	4.4	0.62	2	07/09/15 03:58	07/09/15 13:50	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 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	5900		mg/kg	10	2.0	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Antimony, Total	7.8		mg/kg	5.1	0.81	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Arsenic, Total	3.3		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Barium, Total	82		mg/kg	1.0	0.30	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Beryllium, Total	0.15	J	mg/kg	0.51	0.10	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Cadmium, Total	0.30	J	mg/kg	1.0	0.07	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Calcium, Total	30000		mg/kg	10	3.0	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Cobalt, Total	7.2		mg/kg	2.0	0.51	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Copper, Total	110		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Iron, Total	47000		mg/kg	5.1	2.0	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Lead, Total	360		mg/kg	5.1	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Magnesium, Total	3000		mg/kg	10	1.0	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Manganese, Total	350		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Mercury, Total	1.1		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:24	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.5	0.40	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Potassium, Total	1100		mg/kg	250	40.	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Selenium, Total	0.51	J	mg/kg	2.0	0.30	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Silver, Total	0.38	J	mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Sodium, Total	200		mg/kg	200	30.	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Vanadium, Total	19		mg/kg	1.0	0.10	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT
Zinc, Total	390		mg/kg	5.1	0.71	2	07/09/15 03:58	07/09/15 16:19	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-03
 Client ID: DP-003-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/06/15 08:35
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	10	2.0	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	5.0	0.81	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Arsenic, Total	1.2		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Barium, Total	39		mg/kg	1.0	0.30	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Beryllium, Total	0.35	J	mg/kg	0.50	0.10	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	10	3.0	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Chromium, Total	23		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Cobalt, Total	5.0		mg/kg	2.0	0.50	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Copper, Total	15		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Iron, Total	31000		mg/kg	5.0	2.0	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Lead, Total	13		mg/kg	5.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	10	1.0	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Manganese, Total	130		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Mercury, Total	0.10		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:26	EPA 7471B	1,7471B	EA
Nickel, Total	9.2		mg/kg	2.5	0.40	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Potassium, Total	820		mg/kg	250	40.	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	200	30.	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Vanadium, Total	41		mg/kg	1.0	0.10	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT
Zinc, Total	33		mg/kg	5.0	0.70	2	07/09/15 03:58	07/09/15 16:23	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-04
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 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	8.6	1.7	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Arsenic, Total	1.1		mg/kg	0.86	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Barium, Total	13		mg/kg	0.86	0.26	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.43	0.09	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Calcium, Total	1100		mg/kg	8.6	2.6	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Chromium, Total	9.7		mg/kg	0.86	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Cobalt, Total	1.1	J	mg/kg	1.7	0.43	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.86	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Iron, Total	11000		mg/kg	4.3	1.7	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Lead, Total	38		mg/kg	4.3	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Magnesium, Total	340		mg/kg	8.6	0.86	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Manganese, Total	34		mg/kg	0.86	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	07/09/15 07:12	07/09/15 22:28	EPA 7471B	1,7471B	EA
Nickel, Total	2.1	J	mg/kg	2.2	0.34	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Potassium, Total	280		mg/kg	220	34.	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Sodium, Total	ND		mg/kg	170	26.	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Vanadium, Total	14		mg/kg	0.86	0.09	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT
Zinc, Total	18		mg/kg	4.3	0.60	2	07/09/15 03:58	07/09/15 16:27	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-05
 Client ID: DP-004-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/06/15 09:05
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8500		mg/kg	9.5	1.9	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Antimony, Total	1.6	J	mg/kg	4.8	0.76	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Arsenic, Total	2.5		mg/kg	0.95	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Barium, Total	150		mg/kg	0.95	0.29	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.48	0.10	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.95	0.07	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Calcium, Total	42000		mg/kg	9.5	2.9	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.95	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Cobalt, Total	5.4		mg/kg	1.9	0.48	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Copper, Total	27		mg/kg	0.95	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Iron, Total	17000		mg/kg	4.8	1.9	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Lead, Total	280		mg/kg	4.8	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.5	0.95	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.95	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Mercury, Total	3.5		mg/kg	0.15	0.03	2	07/09/15 07:12	07/10/15 01:02	EPA 7471B	1,7471B	EA
Nickel, Total	8.6		mg/kg	2.4	0.38	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Potassium, Total	740		mg/kg	240	38.	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Silver, Total	0.30	J	mg/kg	0.95	0.19	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	190	29.	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.95	0.10	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT
Zinc, Total	130		mg/kg	4.8	0.67	2	07/09/15 03:58	07/09/15 17:00	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-06
 Client ID: DP-005-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/06/15 09:15
 Date Received: 07/06/15
 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	9.0	1.8	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Antimony, Total	1.1	J	mg/kg	4.5	0.72	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Arsenic, Total	3.6		mg/kg	0.90	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Barium, Total	81		mg/kg	0.90	0.27	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Beryllium, Total	0.25	J	mg/kg	0.45	0.09	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Cadmium, Total	0.15	J	mg/kg	0.90	0.06	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Calcium, Total	19000		mg/kg	9.0	2.7	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Chromium, Total	17		mg/kg	0.90	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Cobalt, Total	6.3		mg/kg	1.8	0.45	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Copper, Total	100		mg/kg	0.90	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.5	1.8	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Lead, Total	160		mg/kg	4.5	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Magnesium, Total	3300		mg/kg	9.0	0.90	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	0.90	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Mercury, Total	0.44		mg/kg	0.07	0.02	1	07/09/15 07:12	07/09/15 22:35	EPA 7471B	1,7471B	EA
Nickel, Total	22		mg/kg	2.2	0.36	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Potassium, Total	690		mg/kg	220	36.	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Sodium, Total	58	J	mg/kg	180	27.	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.90	0.09	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT
Zinc, Total	140		mg/kg	4.5	0.63	2	07/09/15 03:58	07/09/15 17:04	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-07
 Client ID: DP-005-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/06/15 09:30
 Date Received: 07/06/15
 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	3500		mg/kg	10	2.0	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Antimony, Total	25		mg/kg	5.1	0.82	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Arsenic, Total	1.7		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Barium, Total	170		mg/kg	1.0	0.31	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Beryllium, Total	0.31	J	mg/kg	0.51	0.10	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Calcium, Total	72000		mg/kg	10	3.1	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Chromium, Total	14		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Cobalt, Total	29		mg/kg	2.0	0.51	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Copper, Total	120		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Iron, Total	43000		mg/kg	5.1	2.0	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Lead, Total	150		mg/kg	5.1	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Magnesium, Total	3500		mg/kg	10	1.0	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Mercury, Total	1.7		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:37	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.6	0.41	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Potassium, Total	1200		mg/kg	260	41.	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Selenium, Total	0.34	J	mg/kg	2.0	0.31	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.20	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Sodium, Total	630		mg/kg	200	31.	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Vanadium, Total	13		mg/kg	1.0	0.10	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT
Zinc, Total	200		mg/kg	5.1	0.72	2	07/09/15 03:58	07/09/15 17:08	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-08
 Client ID: DP-005-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/06/15 09:35
 Date Received: 07/06/15
 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	14000		mg/kg	9.8	2.0	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Arsenic, Total	1.8		mg/kg	0.98	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Barium, Total	53		mg/kg	0.98	0.29	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Beryllium, Total	0.56		mg/kg	0.49	0.10	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Calcium, Total	1400		mg/kg	9.8	2.9	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.98	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Cobalt, Total	8.3		mg/kg	2.0	0.49	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.98	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Iron, Total	34000		mg/kg	4.9	2.0	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Lead, Total	15		mg/kg	4.9	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.8	0.98	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Manganese, Total	220		mg/kg	0.98	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:39	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.4	0.39	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	240	39.	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.0	0.29	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.98	0.20	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Sodium, Total	100	J	mg/kg	200	29.	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Vanadium, Total	36		mg/kg	0.98	0.10	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.9	0.68	2	07/09/15 03:58	07/09/15 17:12	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-09
 Client ID: DP-006-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/06/15 09:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6100		mg/kg	9.0	1.8	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Antimony, Total	7.1		mg/kg	4.5	0.72	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Arsenic, Total	7.2		mg/kg	0.90	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Barium, Total	220		mg/kg	0.90	0.27	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Beryllium, Total	0.42	J	mg/kg	0.45	0.09	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Calcium, Total	7000		mg/kg	9.0	2.7	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.90	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Cobalt, Total	6.3		mg/kg	1.8	0.45	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Copper, Total	50		mg/kg	0.90	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Iron, Total	15000		mg/kg	4.5	1.8	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Lead, Total	480		mg/kg	4.5	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Magnesium, Total	1200		mg/kg	9.0	0.90	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Manganese, Total	380		mg/kg	0.90	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Mercury, Total	0.79		mg/kg	0.07	0.02	1	07/09/15 07:12	07/09/15 22:41	EPA 7471B	1,7471B	EA
Nickel, Total	8.7		mg/kg	2.2	0.36	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Potassium, Total	670		mg/kg	220	36.	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Selenium, Total	0.45	J	mg/kg	1.8	0.27	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Silver, Total	0.50	J	mg/kg	0.90	0.18	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Sodium, Total	55	J	mg/kg	180	27.	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Vanadium, Total	21		mg/kg	0.90	0.09	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH
Zinc, Total	260		mg/kg	4.5	0.63	2	07/09/15 04:49	07/09/15 16:15	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-10
 Client ID: DP-006-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/06/15 09:56
 Date Received: 07/06/15
 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	9.6	1.9	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Antimony, Total	9.0		mg/kg	4.8	0.77	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Arsenic, Total	19		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Barium, Total	210		mg/kg	0.96	0.29	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Beryllium, Total	0.50		mg/kg	0.48	0.10	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Calcium, Total	14000		mg/kg	9.6	2.9	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Chromium, Total	21		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Cobalt, Total	6.2		mg/kg	1.9	0.48	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Copper, Total	120		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	4.8	1.9	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Lead, Total	860		mg/kg	4.8	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Magnesium, Total	1500		mg/kg	9.6	0.96	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Manganese, Total	240		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Mercury, Total	2.7		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:42	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.4	0.38	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Potassium, Total	720		mg/kg	240	38.	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Selenium, Total	1.2	J	mg/kg	1.9	0.29	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Silver, Total	1.7		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Sodium, Total	120	J	mg/kg	190	29.	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.96	0.10	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH
Zinc, Total	480		mg/kg	4.8	0.67	2	07/09/15 04:49	07/09/15 16:30	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-11
 Client ID: DP-006-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/06/15 10:00
 Date Received: 07/06/15
 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	5500		mg/kg	8.8	1.8	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Antimony, Total	2.5	J	mg/kg	4.4	0.70	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Arsenic, Total	2.4		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Barium, Total	42		mg/kg	0.88	0.26	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Beryllium, Total	0.15	J	mg/kg	0.44	0.09	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Calcium, Total	4700		mg/kg	8.8	2.6	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Chromium, Total	11		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	1.8	0.44	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Copper, Total	51		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Iron, Total	13000		mg/kg	4.4	1.8	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Lead, Total	50		mg/kg	4.4	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Magnesium, Total	3000		mg/kg	8.8	0.88	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Manganese, Total	130		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Mercury, Total	0.19		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:44	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.2	0.35	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Potassium, Total	2400		mg/kg	220	35.	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Selenium, Total	0.32	J	mg/kg	1.8	0.26	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Sodium, Total	130	J	mg/kg	180	26.	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Vanadium, Total	25		mg/kg	0.88	0.09	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH
Zinc, Total	74		mg/kg	4.4	0.61	2	07/09/15 04:49	07/09/15 16:57	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-12
 Client ID: DP-007-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 07/06/15 10:02
 Date Received: 07/06/15
 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	2300		mg/kg	8.5	1.7	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Arsenic, Total	4.6		mg/kg	0.85	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Barium, Total	25		mg/kg	0.85	0.26	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Beryllium, Total	0.26	J	mg/kg	0.43	0.09	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.85	0.06	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Calcium, Total	1000		mg/kg	8.5	2.6	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.85	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Cobalt, Total	1.2	J	mg/kg	1.7	0.43	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Copper, Total	4.3		mg/kg	0.85	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	4.3	1.7	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Lead, Total	0.86	J	mg/kg	4.3	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Magnesium, Total	370		mg/kg	8.5	0.85	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Manganese, Total	34		mg/kg	0.85	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.01	1	07/09/15 07:12	07/09/15 22:46	EPA 7471B	1,7471B	EA
Nickel, Total	1.5	J	mg/kg	2.1	0.34	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Potassium, Total	640		mg/kg	210	34.	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Selenium, Total	0.31	J	mg/kg	1.7	0.26	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.85	0.17	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Sodium, Total	ND		mg/kg	170	26.	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Vanadium, Total	14		mg/kg	0.85	0.09	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH
Zinc, Total	15		mg/kg	4.3	0.60	2	07/09/15 04:49	07/09/15 17:01	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-13
 Client ID: DP-007-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 69%

Date Collected: 07/06/15 10:10
 Date Received: 07/06/15
 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	12	2.3	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Antimony, Total	18		mg/kg	5.8	0.92	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Arsenic, Total	22		mg/kg	1.2	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Barium, Total	790		mg/kg	1.2	0.35	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Beryllium, Total	0.60		mg/kg	0.58	0.12	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Cadmium, Total	1.5		mg/kg	1.2	0.08	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Calcium, Total	8400		mg/kg	12	3.5	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Chromium, Total	26		mg/kg	1.2	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Cobalt, Total	8.0		mg/kg	2.3	0.58	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Copper, Total	160		mg/kg	1.2	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Iron, Total	29000		mg/kg	5.8	2.3	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Lead, Total	2500		mg/kg	5.8	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Magnesium, Total	1300		mg/kg	12	1.2	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Manganese, Total	350		mg/kg	1.2	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Mercury, Total	4.0		mg/kg	0.18	0.04	2	07/09/15 07:12	07/10/15 01:04	EPA 7471B	1,7471B	EA
Nickel, Total	16		mg/kg	2.9	0.46	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Potassium, Total	770		mg/kg	290	46.	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Selenium, Total	1.9	J	mg/kg	2.3	0.35	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Silver, Total	1.8		mg/kg	1.2	0.23	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Sodium, Total	160	J	mg/kg	230	35.	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.3	0.46	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	1.2	0.12	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH
Zinc, Total	2300		mg/kg	5.8	0.81	2	07/09/15 04:49	07/09/15 17:05	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-14
 Client ID: DP-007-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/06/15 10:13
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6900		mg/kg	9.6	1.9	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Antimony, Total	1.7	J	mg/kg	4.8	0.77	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Arsenic, Total	4.2		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Barium, Total	60		mg/kg	0.96	0.29	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Beryllium, Total	0.38	J	mg/kg	0.48	0.10	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Calcium, Total	3900		mg/kg	9.6	2.9	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Cobalt, Total	5.1		mg/kg	1.9	0.48	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Copper, Total	33		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.8	1.9	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Lead, Total	110		mg/kg	4.8	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Magnesium, Total	770		mg/kg	9.6	0.96	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Manganese, Total	89		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Mercury, Total	0.80		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:50	EPA 7471B	1,7471B	EA
Nickel, Total	8.3		mg/kg	2.4	0.38	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Potassium, Total	660		mg/kg	240	38.	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Selenium, Total	0.61	J	mg/kg	1.9	0.29	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Sodium, Total	79	J	mg/kg	190	29.	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.96	0.10	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH
Zinc, Total	210		mg/kg	4.8	0.67	2	07/09/15 04:49	07/09/15 17:09	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-15
 Client ID: DP-008-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/06/15 10:30
 Date Received: 07/06/15
 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	5500		mg/kg	8.8	1.8	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Arsenic, Total	3.4		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Barium, Total	34		mg/kg	0.88	0.26	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Beryllium, Total	0.19	J	mg/kg	0.44	0.09	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Calcium, Total	1300		mg/kg	8.8	2.6	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Chromium, Total	29		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Cobalt, Total	11		mg/kg	1.8	0.44	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Copper, Total	17		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.4	1.8	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Lead, Total	49		mg/kg	4.4	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Magnesium, Total	14000		mg/kg	8.8	0.88	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Manganese, Total	210		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Mercury, Total	0.068	J	mg/kg	0.071	0.015	1	07/09/15 07:12	07/09/15 22:52	EPA 7471B	1,7471B	EA
Nickel, Total	140		mg/kg	2.2	0.35	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Potassium, Total	340		mg/kg	220	35.	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.88	0.18	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Sodium, Total	27	J	mg/kg	180	26.	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	0.88	0.09	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH
Zinc, Total	55		mg/kg	4.4	0.62	2	07/09/15 04:49	07/09/15 17:13	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-16
 Client ID: DP-008-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/06/15 10:35
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	10	2.1	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Antimony, Total	6.5		mg/kg	5.2	0.83	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Arsenic, Total	9.3		mg/kg	1.0	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Barium, Total	250		mg/kg	1.0	0.31	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Beryllium, Total	0.55		mg/kg	0.52	0.10	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Calcium, Total	6800		mg/kg	10	3.1	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	1.0	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Cobalt, Total	6.1		mg/kg	2.1	0.52	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Copper, Total	100		mg/kg	1.0	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Iron, Total	31000		mg/kg	5.2	2.1	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Lead, Total	1300		mg/kg	5.2	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Magnesium, Total	1400		mg/kg	10	1.0	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Manganese, Total	350		mg/kg	1.0	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Mercury, Total	2.5		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:57	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.6	0.42	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Potassium, Total	690		mg/kg	260	42.	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Selenium, Total	0.98	J	mg/kg	2.1	0.31	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Silver, Total	3.2		mg/kg	1.0	0.21	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Sodium, Total	130	J	mg/kg	210	31.	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.1	0.42	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Vanadium, Total	17		mg/kg	1.0	0.10	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH
Zinc, Total	610		mg/kg	5.2	0.73	2	07/09/15 04:49	07/09/15 17:16	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-17
 Client ID: DP-008-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/06/15 10:37
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9200		mg/kg	9.3	1.8	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Arsenic, Total	4.1		mg/kg	0.93	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Barium, Total	78		mg/kg	0.93	0.28	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Beryllium, Total	0.51		mg/kg	0.46	0.09	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Calcium, Total	6700		mg/kg	9.3	2.8	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.93	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Cobalt, Total	7.6		mg/kg	1.8	0.46	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Copper, Total	16		mg/kg	0.93	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	4.6	1.8	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Lead, Total	53		mg/kg	4.6	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Magnesium, Total	1300		mg/kg	9.3	0.93	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Manganese, Total	370		mg/kg	0.93	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Mercury, Total	0.56		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 23:00	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.3	0.37	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Potassium, Total	970		mg/kg	230	37.	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Selenium, Total	0.31	J	mg/kg	1.8	0.28	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.93	0.18	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Sodium, Total	82	J	mg/kg	180	28.	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.93	0.09	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH
Zinc, Total	45		mg/kg	4.6	0.65	2	07/09/15 04:49	07/09/15 17:20	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-18
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6000		mg/kg	9.2	1.8	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Antimony, Total	7.4		mg/kg	4.6	0.74	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Arsenic, Total	5.7		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Barium, Total	66		mg/kg	0.92	0.28	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Beryllium, Total	0.30	J	mg/kg	0.46	0.09	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Calcium, Total	6600		mg/kg	9.2	2.8	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Cobalt, Total	4.1		mg/kg	1.8	0.46	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Copper, Total	22		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Iron, Total	16000		mg/kg	4.6	1.8	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Lead, Total	180		mg/kg	4.6	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Magnesium, Total	1000		mg/kg	9.2	0.92	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Manganese, Total	140		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Mercury, Total	0.32		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 23:01	EPA 7471B	1,7471B	EA
Nickel, Total	6.2		mg/kg	2.3	0.37	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Potassium, Total	610		mg/kg	230	37.	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Selenium, Total	0.53	J	mg/kg	1.8	0.28	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Sodium, Total	41	J	mg/kg	180	28.	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.92	0.09	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH
Zinc, Total	77		mg/kg	4.6	0.65	2	07/09/15 04:49	07/09/15 17:43	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-19
 Client ID: DP-009-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 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	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Antimony, Total	4.0	J	mg/kg	4.6	0.74	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Arsenic, Total	7.5		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Barium, Total	100		mg/kg	0.92	0.28	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Beryllium, Total	0.47		mg/kg	0.46	0.09	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.92	0.07	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Calcium, Total	5200		mg/kg	9.2	2.8	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Cobalt, Total	5.8		mg/kg	1.8	0.46	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Copper, Total	30		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Iron, Total	22000		mg/kg	4.6	1.8	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Lead, Total	270		mg/kg	4.6	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Magnesium, Total	1300		mg/kg	9.2	0.92	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Manganese, Total	220		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Mercury, Total	0.65		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 23:03	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.37	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Potassium, Total	800		mg/kg	230	37.	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Selenium, Total	0.49	J	mg/kg	1.8	0.28	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.92	0.18	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Sodium, Total	42	J	mg/kg	180	28.	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Vanadium, Total	26		mg/kg	0.92	0.09	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH
Zinc, Total	170		mg/kg	4.6	0.65	2	07/09/15 04:49	07/09/15 17:47	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-20
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 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	4800		mg/kg	10	2.0	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Antimony, Total	5.6		mg/kg	5.1	0.82	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Arsenic, Total	15		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Barium, Total	330		mg/kg	1.0	0.31	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Beryllium, Total	0.56		mg/kg	0.51	0.10	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Calcium, Total	5400		mg/kg	10	3.1	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Chromium, Total	20		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Cobalt, Total	5.8		mg/kg	2.0	0.51	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Copper, Total	160		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Iron, Total	15000		mg/kg	5.1	2.0	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Lead, Total	700		mg/kg	5.1	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Magnesium, Total	810		mg/kg	10	1.0	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Manganese, Total	220		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Mercury, Total	2.5		mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 23:05	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.6	0.41	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Potassium, Total	480		mg/kg	260	41.	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Selenium, Total	1.4	J	mg/kg	2.0	0.31	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Silver, Total	2.7		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Sodium, Total	170	J	mg/kg	200	31.	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	1.0	0.10	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH
Zinc, Total	390		mg/kg	5.1	0.72	2	07/09/15 04:49	07/09/15 17:51	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-21
 Client ID: DP-009-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/06/15 11:00
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	9.8	2.0	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Antimony, Total	0.86	J	mg/kg	4.9	0.79	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Arsenic, Total	7.2		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Barium, Total	73		mg/kg	0.98	0.30	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Beryllium, Total	0.69		mg/kg	0.49	0.10	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Calcium, Total	3700		mg/kg	9.8	3.0	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Chromium, Total	17		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Cobalt, Total	12		mg/kg	2.0	0.49	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Copper, Total	27		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Iron, Total	28000		mg/kg	4.9	2.0	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Lead, Total	120		mg/kg	4.9	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Magnesium, Total	1100		mg/kg	9.8	0.98	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Manganese, Total	500		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Mercury, Total	0.79		mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:24	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.5	0.39	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Potassium, Total	760		mg/kg	250	39.	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Selenium, Total	0.59	J	mg/kg	2.0	0.30	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Sodium, Total	110	J	mg/kg	200	30.	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Vanadium, Total	30		mg/kg	0.98	0.10	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH
Zinc, Total	340		mg/kg	4.9	0.69	2	07/09/15 04:49	07/09/15 17:55	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-22
 Client ID: DP-010-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/06/15 11:15
 Date Received: 07/06/15
 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	9.1	1.8	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Arsenic, Total	5.3		mg/kg	0.91	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Barium, Total	87		mg/kg	0.91	0.27	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Beryllium, Total	0.39	J	mg/kg	0.46	0.09	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Calcium, Total	20000		mg/kg	9.1	2.7	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.91	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Cobalt, Total	6.3		mg/kg	1.8	0.46	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Copper, Total	24		mg/kg	0.91	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.6	1.8	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Lead, Total	110		mg/kg	4.6	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Magnesium, Total	2100		mg/kg	9.1	0.91	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Manganese, Total	170		mg/kg	0.91	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Mercury, Total	0.29		mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:31	EPA 7471B	1,7471B	DB
Nickel, Total	14		mg/kg	2.3	0.36	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Potassium, Total	790		mg/kg	230	36.	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Selenium, Total	0.41	J	mg/kg	1.8	0.27	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.91	0.18	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Sodium, Total	55	J	mg/kg	180	27.	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Vanadium, Total	21		mg/kg	0.91	0.09	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH
Zinc, Total	82		mg/kg	4.6	0.64	2	07/09/15 04:49	07/09/15 17:58	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-23
 Client ID: DP-010-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	9.7	1.9	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Antimony, Total	6.0		mg/kg	4.9	0.78	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.97	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Barium, Total	180		mg/kg	0.97	0.29	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Beryllium, Total	0.44	J	mg/kg	0.49	0.10	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Calcium, Total	12000		mg/kg	9.7	2.9	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.97	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	1.9	0.49	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Copper, Total	220		mg/kg	0.97	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	4.9	1.9	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Lead, Total	720		mg/kg	4.9	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Magnesium, Total	1000		mg/kg	9.7	0.97	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Manganese, Total	240		mg/kg	0.97	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Mercury, Total	2.1		mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:36	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.4	0.39	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Potassium, Total	730		mg/kg	240	39.	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Selenium, Total	0.64	J	mg/kg	1.9	0.29	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Silver, Total	3.5		mg/kg	0.97	0.19	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Sodium, Total	96	J	mg/kg	190	29.	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Vanadium, Total	21		mg/kg	0.97	0.10	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH
Zinc, Total	330		mg/kg	4.9	0.68	2	07/09/15 04:49	07/09/15 18:02	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-24
 Client ID: DP-010-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6700		mg/kg	9.6	1.9	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Antimony, Total	2.6	J	mg/kg	4.8	0.76	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Arsenic, Total	12		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Barium, Total	160		mg/kg	0.96	0.29	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Beryllium, Total	0.47	J	mg/kg	0.48	0.10	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Calcium, Total	13000		mg/kg	9.6	2.9	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Cobalt, Total	5.8		mg/kg	1.9	0.48	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Copper, Total	82		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	4.8	1.9	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Lead, Total	440		mg/kg	4.8	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Magnesium, Total	1100		mg/kg	9.6	0.96	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Manganese, Total	200		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Mercury, Total	2.7		mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:38	EPA 7471B	1,7471B	DB
Nickel, Total	9.8		mg/kg	2.4	0.38	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Potassium, Total	670		mg/kg	240	38.	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Selenium, Total	0.72	J	mg/kg	1.9	0.29	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Silver, Total	1.1		mg/kg	0.96	0.19	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Sodium, Total	100	J	mg/kg	190	29.	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.96	0.10	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH
Zinc, Total	260		mg/kg	4.8	0.67	2	07/09/15 04:49	07/09/15 18:06	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-25
 Client ID: DP-010-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/06/15 11:25
 Date Received: 07/06/15
 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	10	2.0	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/09/15 04:49	07/10/15 00:05	EPA 3050B	1,6010C	TT
Arsenic, Total	6.7		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Barium, Total	76		mg/kg	1.0	0.30	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Beryllium, Total	0.70		mg/kg	0.50	0.10	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Calcium, Total	3100		mg/kg	10	3.0	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Chromium, Total	17		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Cobalt, Total	10		mg/kg	2.0	0.50	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Copper, Total	22		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Iron, Total	25000		mg/kg	5.0	2.0	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Lead, Total	140		mg/kg	5.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Magnesium, Total	880		mg/kg	10	1.0	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Mercury, Total	0.51		mg/kg	0.09	0.02	1	07/09/15 07:39	07/10/15 11:46	EPA 7471B	1,7471B	DB
Nickel, Total	9.0		mg/kg	2.5	0.40	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Potassium, Total	860		mg/kg	250	40.	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Selenium, Total	0.64	J	mg/kg	2.0	0.30	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Sodium, Total	96	J	mg/kg	200	30.	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Vanadium, Total	34		mg/kg	1.0	0.10	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH
Zinc, Total	140		mg/kg	5.0	0.70	2	07/09/15 04:49	07/09/15 18:41	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-26
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	8.7	1.7	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/09/15 04:49	07/10/15 00:08	EPA 3050B	1,6010C	TT
Arsenic, Total	2.7		mg/kg	0.87	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Barium, Total	29		mg/kg	0.87	0.26	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Beryllium, Total	0.23	J	mg/kg	0.43	0.09	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Calcium, Total	660		mg/kg	8.7	2.6	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.87	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Cobalt, Total	1.8		mg/kg	1.7	0.43	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Copper, Total	4.8		mg/kg	0.87	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	4.3	1.7	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Lead, Total	1.8	J	mg/kg	4.3	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Magnesium, Total	480		mg/kg	8.7	0.87	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Manganese, Total	38		mg/kg	0.87	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	07/09/15 07:39	07/10/15 11:47	EPA 7471B	1,7471B	DB
Nickel, Total	4.1		mg/kg	2.2	0.35	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Potassium, Total	650		mg/kg	220	35.	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.87	0.17	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Sodium, Total	29	J	mg/kg	170	26.	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.87	0.09	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH
Zinc, Total	11		mg/kg	4.3	0.61	2	07/09/15 04:49	07/09/15 18:45	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-27
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 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	2.0	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Antimony, Total	3.9	J	mg/kg	5.1	0.81	2	07/09/15 04:49	07/10/15 00:32	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Barium, Total	170		mg/kg	1.0	0.30	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Beryllium, Total	0.48	J	mg/kg	0.51	0.10	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Calcium, Total	3500		mg/kg	10	3.0	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Cobalt, Total	6.7		mg/kg	2.0	0.51	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Copper, Total	340		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	5.1	2.0	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Lead, Total	660		mg/kg	5.1	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Magnesium, Total	1000		mg/kg	10	1.0	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Manganese, Total	250		mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Mercury, Total	1.2		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 11:49	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.5	0.40	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Potassium, Total	730		mg/kg	250	40.	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Selenium, Total	0.64	J	mg/kg	2.0	0.30	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Silver, Total	0.42	J	mg/kg	1.0	0.20	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Sodium, Total	130	J	mg/kg	200	30.	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	1.0	0.10	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH
Zinc, Total	620		mg/kg	5.1	0.71	2	07/09/15 04:49	07/09/15 18:49	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-28
 Client ID: DP-011-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/06/15 12:00
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.8	2.0	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	4.9	0.79	2	07/09/15 04:49	07/10/15 00:35	EPA 3050B	1,6010C	TT
Arsenic, Total	4.7		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Barium, Total	53		mg/kg	0.98	0.30	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Beryllium, Total	0.51		mg/kg	0.49	0.10	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Calcium, Total	3400		mg/kg	9.8	3.0	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Cobalt, Total	9.8		mg/kg	2.0	0.49	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Copper, Total	12		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Iron, Total	23000		mg/kg	4.9	2.0	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Lead, Total	21		mg/kg	4.9	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Magnesium, Total	1400		mg/kg	9.8	0.98	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Manganese, Total	360		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Mercury, Total	0.11		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 11:51	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.5	0.39	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Potassium, Total	870		mg/kg	250	39.	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Selenium, Total	0.37	J	mg/kg	2.0	0.30	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.98	0.20	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Sodium, Total	120	J	mg/kg	200	30.	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Vanadium, Total	25		mg/kg	0.98	0.10	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH
Zinc, Total	54		mg/kg	4.9	0.69	2	07/09/15 04:49	07/09/15 18:53	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-30
Client ID: EB01-070615
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/06/15 14:20
Date Received: 07/06/15
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	1900		ug/l	100	20.	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Antimony, Total	23.2	J	ug/l	50.0	8.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Barium, Total	27.8		ug/l	10.0	3.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Cadmium, Total	1.90	J	ug/l	5.00	0.700	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Calcium, Total	1300		ug/l	100	30.	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Chromium, Total	4.9	J	ug/l	10.	2.0	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Copper, Total	6.00	J	ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Iron, Total	3600		ug/l	50.	20.	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Lead, Total	15.7		ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Magnesium, Total	530		ug/l	100	10.	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Manganese, Total	55.3		ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/08/15 15:55	07/08/15 19:18	EPA 7470A	1,7470A	EA
Nickel, Total	4.20	J	ug/l	25.0	4.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Potassium, Total	490	J	ug/l	2500	400	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Vanadium, Total	4.60	J	ug/l	10.0	1.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH
Zinc, Total	16.3	J	ug/l	50.0	7.00	1	07/08/15 13:03	07/10/15 14:11	EPA 3005A	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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): 30 Batch: WG800696-1										
Aluminum, Total	ND		ug/l	100	20.	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Antimony, Total	ND		ug/l	50.0	8.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Arsenic, Total	ND		ug/l	5.00	2.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Barium, Total	ND		ug/l	10.0	3.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Cadmium, Total	2.40	J	ug/l	5.00	0.700	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Calcium, Total	ND		ug/l	100	30.	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Chromium, Total	ND		ug/l	10	2.0	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Copper, Total	ND		ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Iron, Total	ND		ug/l	50	20.	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Lead, Total	ND		ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Magnesium, Total	ND		ug/l	100	10.	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Manganese, Total	ND		ug/l	10.0	2.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Nickel, Total	ND		ug/l	25.0	4.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Potassium, Total	ND		ug/l	2500	400	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Selenium, Total	ND		ug/l	10.0	3.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Silver, Total	ND		ug/l	7.00	2.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Sodium, Total	ND		ug/l	2000	300	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Thallium, Total	ND		ug/l	20.0	4.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH
Zinc, Total	ND		ug/l	50.0	7.00	1	07/08/15 13:03	07/10/15 14:03	1,6010C	JH

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 30 Batch: WG800751-1										
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/08/15 15:55	07/08/15 19:14	1,7470A	EA



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-20 Batch: WG801048-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/09/15 07:12	07/09/15 22:13	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 21-28 Batch: WG801049-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:18	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): 01-08 Batch: WG801066-1										
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Arsenic, Total	0.10	J	mg/kg	0.40	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Barium, Total	ND	mg/kg	0.40	0.12	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Copper, Total	0.14	J	mg/kg	0.40	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Iron, Total	ND	mg/kg	2.0	0.80	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	
Lead, Total	ND	mg/kg	2.0	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT	

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/09/15 03:58	07/09/15 13:39	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 09-28 Batch: WG801068-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Cadmium, Total	0.04	J	mg/kg	0.40	0.03	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Iron, Total	ND		mg/kg	2.0	0.80	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Sodium, Total	ND		mg/kg	80	12.	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH

Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Thallium, Total	ND	mg/kg	0.80	0.16	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/09/15 04:49	07/09/15 16:00	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 30 Batch: WG800696-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	112		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	118		-		80-120	-		
Calcium, Total	96		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	105		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	114		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	119		-		80-120	-		
Silver, Total	106		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	117		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 30 Batch: WG800696-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 30 Batch: WG800751-2					
Mercury, Total	107	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 01-20 Batch: WG801048-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	
Total Metals - Westborough Lab Associated sample(s): 21-28 Batch: WG801049-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG801066-2 SRM Lot Number: D088-540					
Aluminum, Total	87	-	48-151	-	
Antimony, Total	187	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	96	-	83-117	-	
Calcium, Total	90	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	95	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	103	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	89	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	103	-	75-124	-	
Sodium, Total	94	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG801066-2 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: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 Batch: WG801068-2 SRM Lot Number: D088-540					
Aluminum, Total	86	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	92	-	83-117	-	
Cadmium, Total	88	-	83-117	-	
Calcium, Total	87	-	81-119	-	
Chromium, Total	87	-	80-120	-	
Cobalt, Total	89	-	84-115	-	
Copper, Total	90	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	84	-	81-117	-	
Magnesium, Total	78	-	76-124	-	
Manganese, Total	96	-	81-118	-	
Nickel, Total	89	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	93	-	75-124	-	
Sodium, Total	94	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	90	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 Batch: WG801068-2 SRM Lot Number: D088-540					
Zinc, Total	88	-	82-118	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 30 QC Batch ID: WG800696-4 QC Sample: L1515325-30 Client ID: EB01-070615												
Aluminum, Total	1900	2000	4100	110		-	-		75-125	-		20
Antimony, Total	23.2J	500	437	87		-	-		75-125	-		20
Arsenic, Total	ND	120	125	104		-	-		75-125	-		20
Barium, Total	27.8	2000	2090	103		-	-		75-125	-		20
Beryllium, Total	ND	50	51.8	104		-	-		75-125	-		20
Cadmium, Total	1.90J	51	58.5	115		-	-		75-125	-		20
Calcium, Total	1300	10000	11000	97		-	-		75-125	-		20
Chromium, Total	4.9J	200	200	100		-	-		75-125	-		20
Cobalt, Total	ND	500	513	103		-	-		75-125	-		20
Copper, Total	6.00J	250	262	105		-	-		75-125	-		20
Iron, Total	3600	1000	4000	40	Q	-	-		75-125	-		20
Lead, Total	15.7	510	584	111		-	-		75-125	-		20
Magnesium, Total	530	10000	11000	105		-	-		75-125	-		20
Manganese, Total	55.3	500	552	99		-	-		75-125	-		20
Nickel, Total	4.20J	500	513	103		-	-		75-125	-		20
Potassium, Total	490J	10000	11000	110		-	-		75-125	-		20
Selenium, Total	ND	120	132	110		-	-		75-125	-		20
Silver, Total	ND	50	51.9	104		-	-		75-125	-		20
Sodium, Total	ND	10000	11000	110		-	-		75-125	-		20
Thallium, Total	ND	120	135	112		-	-		75-125	-		20
Vanadium, Total	4.60J	500	513	103		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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): 30 QC Batch ID: WG800696-4 QC Sample: L1515325-30 Client ID: EB01-070615									
Zinc, Total	16.3J	500	514	103	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 30 QC Batch ID: WG800751-4 QC Sample: L1515325-30 Client ID: EB01-070615									
Mercury, Total	ND	5	5.150	103	-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG801048-4 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01									
Mercury, Total	0.61	0.142	0.57	0	Q	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 21-28 QC Batch ID: WG801049-4 QC Sample: L1515325-21 Client ID: DP-009-SO-100-01									
Mercury, Total	0.79	0.168	1.5	423	Q	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG801066-4 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01									
Aluminum, Total	7200	174	9300	1210	Q	-	75-125	-	20
Antimony, Total	3.3J	43.5	33	76		-	75-125	-	20
Arsenic, Total	2.3	10.4	13	102		-	75-125	-	20
Barium, Total	130	174	290	92		-	75-125	-	20
Beryllium, Total	0.22J	4.35	4.3	99		-	75-125	-	20
Cadmium, Total	2.0	4.44	7.0	113		-	75-125	-	20
Calcium, Total	12000	870	14000	230	Q	-	75-125	-	20
Chromium, Total	34.	17.4	53	109		-	75-125	-	20
Cobalt, Total	7.7	43.5	48	93		-	75-125	-	20
Copper, Total	62.	21.8	130	313	Q	-	75-125	-	20
Iron, Total	22000	87	20000	0	Q	-	75-125	-	20
Lead, Total	320	44.4	350	68	Q	-	75-125	-	20
Magnesium, Total	4800	870	3600	0	Q	-	75-125	-	20
Manganese, Total	350	43.5	4900	10400	Q	-	75-125	-	20
Nickel, Total	44.	43.5	67	53	Q	-	75-125	-	20
Potassium, Total	540	870	1400	99		-	75-125	-	20
Selenium, Total	ND	10.4	9.6	92		-	75-125	-	20
Silver, Total	0.23J	26.1	27	103		-	75-125	-	20
Sodium, Total	110J	870	1600	184	Q	-	75-125	-	20
Thallium, Total	ND	10.4	6.7	64	Q	-	75-125	-	20
Vanadium, Total	23.	43.5	100	177	Q	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG801066-4 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01									
Zinc, Total	340	43.5	450	253	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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): 09-28 QC Batch ID: WG801068-4 QC Sample: L1515325-09 Client ID: DP-006-SO-010-01									
Aluminum, Total	6100	181	6600	276	Q	-	75-125	-	20
Antimony, Total	7.1	45.2	42	77		-	75-125	-	20
Arsenic, Total	7.2	10.8	16	81		-	75-125	-	20
Barium, Total	220	181	280	33	Q	-	75-125	-	20
Beryllium, Total	0.42J	4.52	4.8	106		-	75-125	-	20
Cadmium, Total	ND	4.61	4.8	104		-	75-125	-	20
Calcium, Total	7000	904	5400	0	Q	-	75-125	-	20
Chromium, Total	16.	18.1	30	77		-	75-125	-	20
Cobalt, Total	6.3	45.2	47	90		-	75-125	-	20
Copper, Total	50.	22.6	55	22	Q	-	75-125	-	20
Iron, Total	15000	90.4	13000	0	Q	-	75-125	-	20
Lead, Total	480	46.1	360	0	Q	-	75-125	-	20
Magnesium, Total	1200	904	2000	88		-	75-125	-	20
Manganese, Total	380	45.2	240	0	Q	-	75-125	-	20
Nickel, Total	8.7	45.2	52	96		-	75-125	-	20
Potassium, Total	670	904	1400	81		-	75-125	-	20
Selenium, Total	0.45J	10.8	11	101		-	75-125	-	20
Silver, Total	0.50J	27.1	27	99		-	75-125	-	20
Sodium, Total	55.J	904	970	107		-	75-125	-	20
Thallium, Total	ND	10.8	9.4	86		-	75-125	-	20
Vanadium, Total	21.	45.2	61	88		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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): 09-28 QC Batch ID: WG801068-4 QC Sample: L1515325-09 Client ID: DP-006-SO-010-01									
Zinc, Total	260	45.2	220	0	Q	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 30 QC Batch ID: WG800696-3 QC Sample: L1515325-30 Client ID: EB01-070615						
Aluminum, Total	1900	1800	ug/l	5		20
Antimony, Total	23.2J	ND	ug/l	NC		20
Arsenic, Total	ND	ND	ug/l	NC		20
Barium, Total	27.8	26.6	ug/l	4		20
Beryllium, Total	ND	ND	ug/l	NC		20
Cadmium, Total	1.90J	1.80J	ug/l	NC		20
Calcium, Total	1300	1300	ug/l	0		20
Chromium, Total	4.9J	4.6J	ug/l	NC		20
Cobalt, Total	ND	ND	ug/l	NC		20
Copper, Total	6.00J	5.80J	ug/l	NC		20
Iron, Total	3600	3500	ug/l	3		20
Lead, Total	15.7	15.9	ug/l	1		20
Magnesium, Total	530	510	ug/l	4		20
Manganese, Total	55.3	53.6	ug/l	3		20
Nickel, Total	4.20J	4.00J	ug/l	NC		20
Potassium, Total	490J	460J	ug/l	NC		20
Selenium, Total	ND	ND	ug/l	NC		20
Silver, Total	ND	ND	ug/l	NC		20
Sodium, Total	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 30 QC Batch ID: WG800696-3 QC Sample: L1515325-30 Client ID: EB01-070615					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	4.60J	4.70J	ug/l	NC	20
Zinc, Total	16.3J	13.9J	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 30 QC Batch ID: WG800751-3 QC Sample: L1515325-30 Client ID: EB01-070615					
Mercury, Total	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG801048-3 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01					
Mercury, Total	0.61	0.58	mg/kg	5	20
Total Metals - Westborough Lab Associated sample(s): 21-28 QC Batch ID: WG801049-3 QC Sample: L1515325-21 Client ID: DP-009-SO-100-01					
Mercury, Total	0.79	1.1	mg/kg	33	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG801066-3 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01					
Aluminum, Total	7200	7700	mg/kg	7	20
Antimony, Total	3.3J	1.1J	mg/kg	NC	20
Arsenic, Total	2.3	ND	mg/kg	NC	20
Barium, Total	130	160	mg/kg	21 Q	20
Beryllium, Total	0.22J	0.29J	mg/kg	NC	20
Cadmium, Total	2.0	2.0	mg/kg	0	20
Calcium, Total	12000	15000	mg/kg	22 Q	20
Chromium, Total	34.	31	mg/kg	9	20
Cobalt, Total	7.7	7.9	mg/kg	3	20
Copper, Total	62.	80	mg/kg	25 Q	20
Iron, Total	22000	40000	mg/kg	58 Q	20
Lead, Total	320	290	mg/kg	10	20
Magnesium, Total	4800	4700	mg/kg	2	20
Manganese, Total	350	330	mg/kg	6	20
Nickel, Total	44.	47	mg/kg	7	20
Potassium, Total	540	590	mg/kg	9	20
Selenium, Total	ND	0.46J	mg/kg	NC	20
Silver, Total	0.23J	1.2	mg/kg	NC	20
Sodium, Total	110J	120J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG801066-3 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	23.	25	mg/kg	8	20
Zinc, Total	340	380	mg/kg	11	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG801068-3 QC Sample: L1515325-09 Client ID: DP-006-SO-010-01					
Aluminum, Total	6100	4600	mg/kg	28	Q 20
Antimony, Total	7.1	1.3J	mg/kg	NC	20
Arsenic, Total	7.2	4.2	mg/kg	53	Q 20
Barium, Total	220	71	mg/kg	102	Q 20
Beryllium, Total	0.42J	0.30J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	7000	5300	mg/kg	28	Q 20
Chromium, Total	16.	11	mg/kg	37	Q 20
Cobalt, Total	6.3	4.0	mg/kg	45	Q 20
Copper, Total	50.	23	mg/kg	74	Q 20
Iron, Total	15000	11000	mg/kg	31	Q 20
Lead, Total	480	140	mg/kg	110	Q 20
Magnesium, Total	1200	730	mg/kg	49	Q 20
Manganese, Total	380	160	mg/kg	81	Q 20
Nickel, Total	8.7	6.8	mg/kg	25	Q 20
Potassium, Total	670	530	mg/kg	23	Q 20
Selenium, Total	0.45J	0.44J	mg/kg	NC	20
Silver, Total	0.50J	ND	mg/kg	NC	20
Sodium, Total	55.J	33J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG801068-3 QC Sample: L1515325-09 Client ID: DP-006-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	21.	15	mg/kg	33	Q 20
Zinc, Total	260	91	mg/kg	96	Q 20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-01
Client ID: DP-003-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/06/15 08:25
Date Received: 07/06/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-03
 Client ID: DP-003-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:35
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-04
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-05
 Client ID: DP-004-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:05
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-06
 Client ID: DP-005-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:15
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-07
 Client ID: DP-005-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:30
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-08
 Client ID: DP-005-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:35
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-09
 Client ID: DP-006-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:50
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-10
 Client ID: DP-006-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:56
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-11
 Client ID: DP-006-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:00
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-12
 Client ID: DP-007-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:02
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-13
 Client ID: DP-007-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:10
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.9		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-14
 Client ID: DP-007-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:13
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-15
 Client ID: DP-008-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:30
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-16
 Client ID: DP-008-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:35
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-17
 Client ID: DP-008-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:37
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-18
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-19
 Client ID: DP-009-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-20
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-21
 Client ID: DP-009-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:00
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-22
 Client ID: DP-010-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:15
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-23
 Client ID: DP-010-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-24
 Client ID: DP-010-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:20
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-25
 Client ID: DP-010-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:25
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-26
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-27
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-28
 Client ID: DP-011-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 12:00
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-31
 Client ID: DP-012-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 12:20
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515325

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-32
 Client ID: DP-012-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 12:25
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-33
 Client ID: DP-012-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 12:40
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-34
 Client ID: DP-013-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 14:00
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-35
 Client ID: DP-013-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 14:05
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-36
Client ID: DP-013-SO-100-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/06/15 14:05
Date Received: 07/06/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515325-37
Client ID: DP-013-SO-150-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/06/15 14:10
Date Received: 07/06/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG800572-1 QC Sample: L1515325-01 Client ID: DP-003-SO-010-01						
Solids, Total	90.0	90.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-28,31-37 QC Batch ID: WG800577-1 QC Sample: L1515325-21 Client ID: DP-009-SO-100-01						
Solids, Total	79.4	77.9	%	2		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent
B Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-01A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-01A9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-01B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-01B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-02A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-02B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-02B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-03A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-03B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-03B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-04A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-04B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-04B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-05A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-05B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-05B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-06A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-06B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-06B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-07A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-07B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-07B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-08A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-08B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-08B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-09A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-09B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-09B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-10A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-10B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-10B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-11A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-11B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-11B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-12A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-12B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-12B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-13A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-13B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-13B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-14A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-14B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-14B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-15A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-15B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-15B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-16A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-16B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-16B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-17A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-17B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-17B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-18A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-18B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-18B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-19A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),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)
L1515325-19A9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-20A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-20B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-20B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-21A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-21B	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-21B9	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515325-22A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-22B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-22B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-23A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-23B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-23B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-24A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),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)
L1515325-24A9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-25A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-25B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-25B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-26A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-26B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-26B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-27A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-27B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-27B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-28A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515325-28B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-28B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-29A	Vial HCl preserved	B	N/A	4.2	Y	Absent	PA-8260(14)
L1515325-29B	Vial HCl preserved	B	N/A	4.2	Y	Absent	PA-8260(14)
L1515325-30A	Vial HCl preserved	B	N/A	4.2	Y	Absent	PA-8260(14)
L1515325-30B	Vial HCl preserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515325-30C	Vial HCl preserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515325-30D	Plastic 250ml HNO3 preserved	B	N/A	4.2	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),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)
L1515325-30E	Amber 1000ml unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-DROD-C44(7)
L1515325-30G	Amber 1000ml unpreserved	B	N/A	4.2	Y	Absent	PA-8270(7)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515325

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515325-30H	Amber 1000ml unpreserved	A	N/A	3.8	Y	Absent	PA-8270(7)
L1515325-31A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-31B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-31B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-32A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-32B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-32B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-33A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-33B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-33B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-34A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-34B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-34B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-35A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-35B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-35B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-36A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-36B	Glass 120ml/4oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-36B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)
L1515325-37A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515325-37B	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515325-37B9	Vial MeOH preserved split	B	N/A	4.2	Y	Absent	PA-TPH-GRO(14)

Container Comments

L1515325-20B9

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515325
Report Date: 07/17/15

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: L1515325
Report Date: 07/17/15

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: L1515325
Report Date: 07/17/15

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

Last revised December 16, 2014

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

Westborough Facility

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

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

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

EPA 625: 4-Chloroaniline, 4-Methylphenol.

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

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

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

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

Drinking Water

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

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

EPA 332: Perchlorate.

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

Non-Potable Water

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

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

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

EPA 624: Volatile Halocarbons & Aromatics,

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

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

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

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

CHAIN OF CUSTODY

PAGE 1 OF 4



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

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

Date Rec'd in Lab: 7-7-15

ALPHA Job #: L1515325

Project Information

Project Name:
Project Location:
Project #: 40223-06Z
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkenward@haleyaldrich.com
 These samples have been previously analyzed by Alpha

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL Metals (EPA Gold)

TPH C6-C14 (EPA 8015)

PAH (EPA 8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments
		Date	Time			TAL Metals (EPA Gold)	TPH C6-C14 (EPA 8015)	PAH (EPA 8270C)	
15325-01	DP-003-50-010-01	7/6/15	0825	SO	T.N.	X	X	X	
02	DP-003-50-050-01	↓	0830	↓	↓	X	X	X	
03	DP-003-50-100-01		0835			X	X	X	
04	DP-004-50-010-01		0845			X	X	X	
05	DP-004-50-050-01		0905			X	X	X	
06	DP-005-50-010-01		0915			X	X	X	
07	DP-005-50-100-01		0930			X	X	X	
08	DP-005-50-125-01		0935			X	X	X	
09	DP-006-50-010-01		0950			X	X	X	
10	DP-006-50-050-01		0956			X	X	X	

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/6/15 14:50	<i>[Signature]</i>	7/6/15 14:50
<i>[Signature]</i>	7/6/15 18:30	<i>[Signature]</i>	7/6/15 18:30
<i>[Signature]</i>	7/7/15 7:30	<i>[Signature]</i>	7/7/15 7:30
<i>[Signature]</i>	7/7/15 11:00	<i>[Signature]</i>	7-7-15 11:00

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

CHAIN OF CUSTODY

PAGE 2 OF 4



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

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

Date Rec'd in Lab: 7-7-15

ALPHA Job #: L1515325

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego, CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL Metals (EPA 601d)

TPH C6-C14 (EPA 8010)

PAH (EPA 8270C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments
		Date	Time			TAL Metals	TPH	PAH	
5325-11	DP-006-50-100-01	7/6/15	1000	SO	T.N.	X	X	X	
12	DP-007-50-010-01		1002			X	X	X	
13	DP-007-50-050-01		1010			X	X	X	
14	DP-007-50-100-01		1013			X	X	X	
15	DP-008-50-010-01		1020			X	X	X	
16	DP-008-50-050-01		1035			X	X	X	
17	DP-008-50-100-01		1037			X	X	X	
18	DP-009-50-010-01		1045			X	X	X	
19	DP-009-50-010-02		1045			X	X	X	
20	DP-009-50-050-01		1050			X	X	X	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/6/15 1450	AAC JWH	7/6/15 14:50
<i>[Signature]</i>	7/6/15 1830	<i>[Signature]</i>	7/6/15 18:30
<i>[Signature]</i>	7/7/15 7:30	AAC	7/7/15 7:30
<i>[Signature]</i>	7/7/15 11:00	<i>[Signature]</i>	7-7-15 11:00

CHAIN OF CUSTODY

PAGE 3 OF 4



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

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

Date Rec'd in Lab: 7-7-15

ALPHA Job #: L1513325

Client Information

Client: Haley & Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:
Email: kkenward@haleyaldrich.com

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL Metals (EPA 6010)
TPH C6-C14 (EPA 8015)
PAH (EPA 8270C)
VOC's EPA 260B

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			
		Date	Time			TAL Metals (EPA 6010)	TPH C6-C14 (EPA 8015)	PAH (EPA 8270C)	VOC's EPA 260B				
5325-21	DP-009-60-100-01	7/6/15	1100	80	T.N	X	X	X					
22	DP-010-50-010-01	↓	1115	↓	↓	X	X	X					
23	DP-010-50-050-01		1120			X	X	X					
24	DP-010-50-050-02		1120			X	X	X					
25	DP-010-50-100-01		1125			X	X	X					
26	DP-011-50-010-01		1150			X	X	X					
27	DP-011-50-050-01		1155			X	X	X					
28	DP-011-50-100-01		1200			X	X	X					
29	TB01-070615		0800				W				X		
30	EB01-070615		1420				W		X	X	X	X	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/6/15 1450	<i>[Signature]</i>	7/6/15 1450
<i>[Signature]</i>	7/6/15 1830	<i>[Signature]</i>	7/6/15 1830
<i>[Signature]</i>	7/7/15 7:30	<i>[Signature]</i>	7/7/15 7:30
<i>[Signature]</i>	7/7/15 11:00	<i>[Signature]</i>	7-7-15 11:00

CHAIN OF CUSTODY

PAGE 4 OF 4



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

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

Date Rec'd in Lab: 7-7-15

ALPHA Job #: L1515325

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-295-7122
Fax:
Email: dkennard@haleyaldrich.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
TAL Metals (EPA 6010)
TPH CG-C44 (EPA 8015)
PAH (EPA 8270C)

SAMPLE HANDLING

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials			Sample Specific Comments
		Date	Time					
<u>15325-31</u>	<u>DP-012-50-010-01</u>	<u>7/6/15</u>	<u>1220</u>	<u>SO</u>	<u>T.N.</u>	<u>X</u>	<u>X</u>	
<u>32</u>	<u>DP-012-50-100-01</u>		<u>1225</u>			<u>X</u>	<u>X</u>	
<u>33</u>	<u>DP-012-50-150-01</u>		<u>1240</u>			<u>X</u>	<u>X</u>	
<u>34</u>	<u>DP-013-50-010-01</u>		<u>1400</u>			<u>X</u>	<u>X</u>	
<u>35</u>	<u>DP-013-50-100-01</u>		<u>1405</u>			<u>X</u>	<u>X</u>	
<u>36</u>	<u>DP-013-50-100-02</u>		<u>1405</u>			<u>X</u>	<u>X</u>	
<u>37</u>	<u>DP-013-50-150-01</u>		<u>1410</u>			<u>X</u>	<u>X</u>	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/6/15 1450</u>	<u>AAC TWA</u>	<u>7/6/15 19:50</u>
<u>[Signature]</u>	<u>7/6/15 18:30</u>	<u>[Signature]</u>	<u>7/6/15 18:30</u>
<u>[Signature]</u>	<u>7/7/15 7:30</u>	<u>[Signature]</u>	<u>7/7/15 7:30</u>
<u>[Signature]</u>	<u>7/7/15 11:00</u>	<u>[Signature]</u>	<u>7-7-15 11:00</u>



ANALYTICAL REPORT

Lab Number:	L1515522
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:	07/17/15

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

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

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



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515522-01	TB01-070715	WATER	Not Specified	07/07/15 08:00	07/07/15
L1515522-02	EB01-070715	WATER	Not Specified	07/07/15 13:20	07/07/15
L1515522-03	DP-014-SO-010-01	SOIL	Not Specified	07/07/15 08:25	07/07/15
L1515522-04	DP-014-SO-100-01	SOIL	Not Specified	07/07/15 08:35	07/07/15
L1515522-05	DP-014-SO-150-01	SOIL	Not Specified	07/07/15 08:50	07/07/15
L1515522-06	DP-015-SO-010-01	SOIL	Not Specified	07/07/15 09:10	07/07/15
L1515522-07	DP-015-SO-100-01	SOIL	Not Specified	07/07/15 09:17	07/07/15
L1515522-08	DP-015-SO-150-01	SOIL	Not Specified	07/07/15 09:30	07/07/15
L1515522-09	DP-016-SO-010-01	SOIL	Not Specified	07/07/15 09:50	07/07/15
L1515522-10	DP-016-SO-050-01	SOIL	Not Specified	07/07/15 09:55	07/07/15
L1515522-11	DP-016-SO-100-01	SOIL	Not Specified	07/07/15 10:00	07/07/15
L1515522-12	DP-017-SO-010-01	SOIL	Not Specified	07/07/15 10:15	07/07/15
L1515522-13	DP-017-SO-050-01	SOIL	Not Specified	07/07/15 10:18	07/07/15
L1515522-14	DP-017-SO-100-01	SOIL	Not Specified	07/07/15 10:20	07/07/15
L1515522-15	DP-018-SO-010-01	SOIL	Not Specified	07/07/15 10:35	07/07/15
L1515522-16	DP-018-SO-050-01	SOIL	Not Specified	07/07/15 10:40	07/07/15
L1515522-17	DP-018-SO-100-01	SOIL	Not Specified	07/07/15 10:45	07/07/15
L1515522-18	DP-019-SO-010-01	SOIL	Not Specified	07/07/15 11:15	07/07/15
L1515522-19	DP-019-SO-050-01	SOIL	Not Specified	07/07/15 11:18	07/07/15
L1515522-20	DP-019-SO-100-01	SOIL	Not Specified	07/07/15 11:23	07/07/15
L1515522-21	DP-020-SO-010-01	SOIL	Not Specified	07/07/15 11:55	07/07/15
L1515522-22	DP-020-SO-050-01	SOIL	Not Specified	07/07/15 11:57	07/07/15
L1515522-23	DP-021-SO-010-01	SOIL	Not Specified	07/07/15 13:05	07/07/15
L1515522-24	DP-021-SO-010-02	SOIL	Not Specified	07/07/15 13:05	07/07/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515522-25	DP-021-SO-050-01	SOIL	Not Specified	07/07/15 13:07	07/07/15
L1515522-26	DP-021-SO-100-01	SOIL	Not Specified	07/07/15 13:15	07/07/15
L1515522-27	DP-022-SO-010-01	SOIL	Not Specified	07/07/15 13:42	07/07/15
L1515522-28	DP-022-SO-050-01	SOIL	Not Specified	07/07/15 13:45	07/07/15
L1515522-29	DP-022-SO-100-01	SOIL	Not Specified	07/07/15 13:50	07/07/15
L1515522-30	EB02-070715	WATER	Not Specified	07/07/15 14:15	07/07/15
L1515522-31	DP-025-SO-010-01	SOIL	Not Specified	07/07/15 13:55	07/07/15
L1515522-32	DP-025-SO-050-01	SOIL	Not Specified	07/07/15 14:00	07/07/15
L1515522-33	DP-025-SO-100-01	SOIL	Not Specified	07/07/15 14:05	07/07/15
L1515522-34	DP-024-SO-010-01	SOIL	Not Specified	07/07/15 14:12	07/07/15
L1515522-35	DP-024-SO-050-01	SOIL	Not Specified	07/07/15 14:15	07/07/15
L1515522-36	DP-026-SO-010-01	SOIL	Not Specified	07/07/15 14:23	07/07/15
L1515522-37	DP-026-SO-050-01	SOIL	Not Specified	07/07/15 14:25	07/07/15
L1515522-38	DP-026-SO-100-01	SOIL	Not Specified	07/07/15 14:30	07/07/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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: L1515522
Report Date: 07/17/15

Case Narrative (continued)

Report Submission

This report replaces the report issued July 16, 2015. The Volatile Organics analyte list has been amended to include 1,4-Dioxane.

A previously-issued final report replaced the partial report issued July 14, 2015, and included 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.

Sample Receipt

L1515522-02 and -30: Headspace was noted in the sample containers submitted for Volatile Organics. The analysis was performed at the client's request.

Semivolatile Organics

L1515522-02: The sample has elevated detection limits due to limited sample volume available for analysis.

L1515522-04, -09, -25, -27, -28, -31, -35, -36, and -37: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1515522-38: The sample has elevated detection limits due to the dilution required by matrix interferences encountered during the concentration of the sample.

Gasoline Range Organics

L1515522-02, -30: A laboratory duplicate and matrix spike could not be performed due to the matrix submitted for analysis.

Petroleum Hydrocarbon Quantitation

L1515522-32 and -38: The surrogate recoveries are below the acceptance criteria for o-terphenyl (0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Case Narrative (continued)

WG800971: An LCSD was performed in lieu of a Laboratory Duplicate due to insufficient sample volume available for analysis.

Metals

L1515522-09 through -29 and -31 through -38 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG801195-2 LCS recoveries, associated with L1515522-02 and -30, are above the acceptance criteria for cadmium (122%) and selenium (121%); however, the associated samples are non-detect for these target compounds. The results of the original analysis are reported.

The WG801468-4 MS recoveries for aluminum (0%), calcium (0%), iron (0%), and lead (0%), performed on L1515522-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG801468-4 MS recoveries, performed on L1515522-09, are outside the acceptance criteria for barium (58%), magnesium (335%), manganese (46%), nickel (127%), potassium (70%), sodium (60%), vanadium (74%) and zinc (0%). A post digestion spike was performed and all compounds were within acceptance criteria.

The WG801195-3 Laboratory Duplicate RPDs, performed on L1515522-30, are outside the acceptance criteria for calcium (22%) and iron (24%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG801468-3 Laboratory Duplicate RPDs, performed on L1515522-09, are outside the acceptance criteria for calcium (47%), cobalt (21%), copper (91%), lead (24%), magnesium (58%), nickel (86%), sodium (21%) and zinc (38%). 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: 07/17/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-01
Client ID: TB01-070715
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/15 12:17
Analyst: PD

Date Collected: 07/07/15 08:00
Date Received: 07/07/15
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: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-01

Date Collected: 07/07/15 08:00

Client ID: TB01-070715

Date Received: 07/07/15

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	108		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02
 Client ID: EB01-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/09/15 12:47
 Analyst: PD

Date Collected: 07/07/15 13:20
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	0.44	J	ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	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: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02

Date Collected: 07/07/15 13:20

Client ID: EB01-070715

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
Client ID: EB02-070715
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/15 13:17
Analyst: PD

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	5.0	0.24	1
Chloromethane	ND		ug/l	2.5	0.18	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Bromomethane	ND		ug/l	1.0	0.26	1
Chloroethane	ND		ug/l	1.0	0.13	1
Trichlorofluoromethane	ND		ug/l	2.5	0.16	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
Carbon disulfide	0.48	J	ug/l	5.0	0.30	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.15	1
Methylene chloride	ND		ug/l	2.5	0.29	1
Acetone	ND		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
Client ID: EB02-070715
Sample Location: Not Specified

Date Collected: 07/07/15 14:15
Date Received: 07/07/15
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	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/15 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,30 Batch: WG801218-3					
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: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/15 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,30 Batch: WG801218-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/09/15 10:46
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,30 Batch: WG801218-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,30 Batch: WG801218-1 WG801218-2								
Dichlorodifluoromethane	120		119		36-147	1		20
Chloromethane	72		70		64-130	3		20
Vinyl chloride	99		97		55-140	2		20
Bromomethane	99		100		39-139	1		20
Chloroethane	129		122		55-138	6		20
Trichlorofluoromethane	135		133		62-150	1		20
1,1-Dichloroethene	109		107		61-145	2		20
Carbon disulfide	101		100		51-130	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	112		109		70-130	3		20
Methylene chloride	106		105		70-130	1		20
Acetone	99		99		58-148	0		20
trans-1,2-Dichloroethene	104		104		70-130	0		20
Methyl Acetate	77		79		70-130	3		20
Methyl tert butyl ether	99		98		63-130	1		20
1,1-Dichloroethane	102		102		70-130	0		20
cis-1,2-Dichloroethene	102		103		70-130	1		20
Cyclohexane	89		87		70-130	2		20
Bromochloromethane	105		107		70-130	2		20
Chloroform	108		108		70-130	0		20
Carbon tetrachloride	118		118		63-132	0		20
1,1,1-Trichloroethane	108		108		67-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,30 Batch: WG801218-1 WG801218-2								
2-Butanone	96		93		63-138	3		20
Benzene	104		104		70-130	0		20
1,2-Dichloroethane	102		102		70-130	0		20
Methyl cyclohexane	107		106		70-130	1		20
Trichloroethene	107		107		70-130	0		20
1,2-Dichloropropane	96		97		70-130	1		20
Bromodichloromethane	103		105		67-130	2		20
1,4-Dioxane	120		121		56-162	1		20
cis-1,3-Dichloropropene	102		104		70-130	2		20
Toluene	110		111		70-130	1		20
Tetrachloroethene	109		107		70-130	2		20
4-Methyl-2-pentanone	80		78		59-130	3		20
trans-1,3-Dichloropropene	107		106		70-130	1		20
1,1,2-Trichloroethane	109		110		70-130	1		20
Dibromochloromethane	111		112		63-130	1		20
1,2-Dibromoethane	104		106		70-130	2		20
2-Hexanone	78		78		57-130	0		20
Chlorobenzene	108		108		75-130	0		20
Ethylbenzene	110		110		70-130	0		20
p/m-Xylene	111		111		70-130	0		20
o-Xylene	109		110		70-130	1		20

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,30 Batch: WG801218-1 WG801218-2								
Styrene	111		112		70-130	1		20
Bromoform	108		107		54-136	1		20
Isopropylbenzene	110		109		70-130	1		20
1,1,2,2-Tetrachloroethane	107		107		67-130	0		20
1,3,5-Trimethylbenzene	113		112		64-130	1		20
1,2,4-Trimethylbenzene	112		112		70-130	0		20
1,3-Dichlorobenzene	104		105		70-130	1		20
1,4-Dichlorobenzene	104		106		70-130	2		20
1,2-Dichlorobenzene	104		105		70-130	1		20
1,2-Dibromo-3-chloropropane	104		103		41-144	1		20
1,2,4-Trichlorobenzene	100		99		70-130	1		20
Naphthalene	88		89		70-130	1		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	105		102		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	107		106		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02
 Client ID: EB01-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 00:06
 Analyst: AS

Date Collected: 07/07/15 13:20
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.6	0.44	1
2-Methylnaphthalene	ND		ug/l	2.6	0.47	1
2-Chloronaphthalene	ND		ug/l	2.6	0.60	1
Acenaphthylene	ND		ug/l	2.6	0.49	1
Acenaphthene	ND		ug/l	2.6	0.37	1
Fluorene	ND		ug/l	2.6	0.42	1
Phenanthrene	ND		ug/l	2.6	0.30	1
Anthracene	ND		ug/l	2.6	0.26	1
Fluoranthene	ND		ug/l	2.6	0.53	1
Pyrene	ND		ug/l	2.6	0.69	1
Benzo(a)anthracene	ND		ug/l	2.6	0.42	1
Chrysene	ND		ug/l	2.6	0.40	1
Benzo(b)fluoranthene	ND		ug/l	2.6	0.49	1
Benzo(k)fluoranthene	ND		ug/l	2.6	0.39	1
Benzo(a)pyrene	ND		ug/l	2.6	0.86	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.6	0.57	1
Dibenzo(a,h)anthracene	ND		ug/l	2.6	0.58	1
Benzo(ghi)perylene	ND		ug/l	2.6	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	68		15-120
4-Terphenyl-d14	75		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-03
 Client ID: DP-014-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 13:32
 Analyst: PS
 Percent Solids: 90%

Date Collected: 07/07/15 08:25
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

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	0.049	J	mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.11		mg/kg	0.11	0.034	1
Pyrene	0.097	J	mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.066	J	mg/kg	0.11	0.036	1
Chrysene	0.069	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.079	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.057	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.044	J	mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.043	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	75		18-120

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-04 D
 Client ID: DP-014-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:00
 Analyst: PS
 Percent Solids: 79%

Date Collected: 07/07/15 08:35
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.0	0.35	5
2-Methylnaphthalene	ND		mg/kg	1.2	0.34	5
2-Chloronaphthalene	ND		mg/kg	1.0	0.34	5
Acenaphthylene	ND		mg/kg	0.84	0.20	5
Acenaphthene	ND		mg/kg	0.84	0.22	5
Fluorene	ND		mg/kg	1.0	0.30	5
Phenanthrene	ND		mg/kg	0.63	0.20	5
Anthracene	ND		mg/kg	0.63	0.17	5
Fluoranthene	ND		mg/kg	0.63	0.19	5
Pyrene	ND		mg/kg	0.63	0.20	5
Benzo(a)anthracene	ND		mg/kg	0.63	0.20	5
Chrysene	ND		mg/kg	0.63	0.21	5
Benzo(b)fluoranthene	ND		mg/kg	0.63	0.21	5
Benzo(k)fluoranthene	ND		mg/kg	0.63	0.20	5
Benzo(a)pyrene	ND		mg/kg	0.84	0.26	5
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.84	0.23	5
Dibenzo(a,h)anthracene	ND		mg/kg	0.63	0.20	5
Benzo(ghi)perylene	ND		mg/kg	0.84	0.22	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	49		30-120
4-Terphenyl-d14	48		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-05
 Client ID: DP-014-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:29
 Analyst: PS
 Percent Solids: 82%

Date Collected: 07/07/15 08:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-06
 Client ID: DP-015-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:58
 Analyst: PS
 Percent Solids: 95%

Date Collected: 07/07/15 09:10
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.17	0.058	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.056	1
2-Chloronaphthalene	ND		mg/kg	0.17	0.057	1
Acenaphthylene	ND		mg/kg	0.14	0.032	1
Acenaphthene	ND		mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.17	0.050	1
Phenanthrene	0.10		mg/kg	0.10	0.034	1
Anthracene	0.039	J	mg/kg	0.10	0.029	1
Fluoranthene	0.23		mg/kg	0.10	0.032	1
Pyrene	0.18		mg/kg	0.10	0.034	1
Benzo(a)anthracene	0.16		mg/kg	0.10	0.034	1
Chrysene	0.18		mg/kg	0.10	0.034	1
Benzo(b)fluoranthene	0.20		mg/kg	0.10	0.035	1
Benzo(k)fluoranthene	0.082	J	mg/kg	0.10	0.033	1
Benzo(a)pyrene	0.14		mg/kg	0.14	0.043	1
Indeno(1,2,3-cd)pyrene	0.10	J	mg/kg	0.14	0.039	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.034	1
Benzo(ghi)perylene	0.094	J	mg/kg	0.14	0.036	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-07
 Client ID: DP-015-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:27
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/07/15 09:17
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

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	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.042	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.098	J	mg/kg	0.12	0.035	1
Pyrene	0.096	J	mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.072	J	mg/kg	0.12	0.038	1
Chrysene	0.076	J	mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.037	J	mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.076	J	mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.064	J	mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.057	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-08
 Client ID: DP-015-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:56
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/07/15 09:30
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-09 D
 Client ID: DP-016-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 16:24
 Analyst: PS
 Percent Solids: 90%

Date Collected: 07/07/15 09:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	0.11	J	mg/kg	0.29	0.068	2
Acenaphthene	ND		mg/kg	0.29	0.076	2
Fluorene	ND		mg/kg	0.37	0.10	2
Phenanthrene	1.4		mg/kg	0.22	0.072	2
Anthracene	0.30		mg/kg	0.22	0.061	2
Fluoranthene	2.3		mg/kg	0.22	0.067	2
Pyrene	2.0		mg/kg	0.22	0.071	2
Benzo(a)anthracene	1.4		mg/kg	0.22	0.072	2
Chrysene	1.7		mg/kg	0.22	0.072	2
Benzo(b)fluoranthene	2.0		mg/kg	0.22	0.074	2
Benzo(k)fluoranthene	0.67		mg/kg	0.22	0.070	2
Benzo(a)pyrene	1.3		mg/kg	0.29	0.090	2
Indeno(1,2,3-cd)pyrene	1.0		mg/kg	0.29	0.081	2
Dibenzo(a,h)anthracene	0.31		mg/kg	0.22	0.071	2
Benzo(ghi)perylene	0.89		mg/kg	0.29	0.076	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-10
Client ID: DP-016-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 17:03
Analyst: PS
Percent Solids: 66%

Date Collected: 07/07/15 09:55
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.21	J	mg/kg	0.25	0.082	1
2-Methylnaphthalene	0.14	J	mg/kg	0.30	0.079	1
2-Chloronaphthalene	ND		mg/kg	0.25	0.080	1
Acenaphthylene	ND		mg/kg	0.20	0.046	1
Acenaphthene	ND		mg/kg	0.20	0.051	1
Fluorene	ND		mg/kg	0.25	0.071	1
Phenanthrene	0.35		mg/kg	0.15	0.048	1
Anthracene	0.056	J	mg/kg	0.15	0.041	1
Fluoranthene	0.36		mg/kg	0.15	0.045	1
Pyrene	0.34		mg/kg	0.15	0.048	1
Benzo(a)anthracene	0.21		mg/kg	0.15	0.048	1
Chrysene	0.27		mg/kg	0.15	0.048	1
Benzo(b)fluoranthene	0.26		mg/kg	0.15	0.050	1
Benzo(k)fluoranthene	0.089	J	mg/kg	0.15	0.047	1
Benzo(a)pyrene	0.18	J	mg/kg	0.20	0.060	1
Indeno(1,2,3-cd)pyrene	0.15	J	mg/kg	0.20	0.055	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.15	0.048	1
Benzo(ghi)perylene	0.15	J	mg/kg	0.20	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	69		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-11
 Client ID: DP-016-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 12:46
 Analyst: PS
 Percent Solids: 80%

Date Collected: 07/07/15 10:00
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.065	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.20	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.045	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-12
 Client ID: DP-017-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:49
 Analyst: PS
 Percent Solids: 86%

Date Collected: 07/07/15 10:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.081	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.10	J	mg/kg	0.15	0.036	1
Acenaphthene	0.086	J	mg/kg	0.15	0.039	1
Fluorene	0.086	J	mg/kg	0.19	0.055	1
Phenanthrene	1.4		mg/kg	0.11	0.037	1
Anthracene	0.40		mg/kg	0.11	0.032	1
Fluoranthene	2.8		mg/kg	0.11	0.035	1
Pyrene	2.5		mg/kg	0.11	0.037	1
Benzo(a)anthracene	1.5		mg/kg	0.11	0.038	1
Chrysene	1.4		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	1.9		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.69		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.4		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	1.0		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.27		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.87		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-13
Client ID: DP-017-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/14/15 09:32
Analyst: PS
Percent Solids: 75%

Date Collected: 07/07/15 10:18
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.073	1
2-Methylnaphthalene	0.084	J	mg/kg	0.26	0.071	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.072	1
Acenaphthylene	ND		mg/kg	0.18	0.041	1
Acenaphthene	ND		mg/kg	0.18	0.046	1
Fluorene	0.073	J	mg/kg	0.22	0.063	1
Phenanthrene	0.85		mg/kg	0.13	0.043	1
Anthracene	0.19		mg/kg	0.13	0.037	1
Fluoranthene	1.0		mg/kg	0.13	0.041	1
Pyrene	0.90		mg/kg	0.13	0.043	1
Benzo(a)anthracene	0.48		mg/kg	0.13	0.043	1
Chrysene	0.53		mg/kg	0.13	0.043	1
Benzo(b)fluoranthene	0.50		mg/kg	0.13	0.045	1
Benzo(k)fluoranthene	0.20		mg/kg	0.13	0.042	1
Benzo(a)pyrene	0.39		mg/kg	0.18	0.054	1
Indeno(1,2,3-cd)pyrene	0.29		mg/kg	0.18	0.049	1
Dibenzo(a,h)anthracene	0.078	J	mg/kg	0.13	0.043	1
Benzo(ghi)perylene	0.28		mg/kg	0.18	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-14
 Client ID: DP-017-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 13:12
 Analyst: PS
 Percent Solids: 77%

Date Collected: 07/07/15 10:20
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:05

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	ND		mg/kg	0.13	0.042	1
Anthracene	ND		mg/kg	0.13	0.036	1
Fluoranthene	0.044	J	mg/kg	0.13	0.039	1
Pyrene	ND		mg/kg	0.13	0.042	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.042	1
Chrysene	ND		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.041	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-15
 Client ID: DP-018-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 13:38
 Analyst: PS
 Percent Solids: 89%

Date Collected: 07/07/15 10:35
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:07

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	0.20		mg/kg	0.11	0.036	1
Anthracene	0.047	J	mg/kg	0.11	0.031	1
Fluoranthene	0.43		mg/kg	0.11	0.034	1
Pyrene	0.40		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.23		mg/kg	0.11	0.036	1
Chrysene	0.23		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.27		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.11		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.21		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.16		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.042	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-16
 Client ID: DP-018-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:04
 Analyst: PS
 Percent Solids: 90%

Date Collected: 07/07/15 10:40
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:07

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	93		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-17
 Client ID: DP-018-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:31
 Analyst: PS
 Percent Solids: 79%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		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	ND		mg/kg	0.17	0.039	1
Acenaphthene	0.14	J	mg/kg	0.17	0.043	1
Fluorene	0.14	J	mg/kg	0.21	0.060	1
Phenanthrene	1.4		mg/kg	0.13	0.041	1
Anthracene	0.40		mg/kg	0.13	0.035	1
Fluoranthene	1.9		mg/kg	0.13	0.039	1
Pyrene	1.7		mg/kg	0.13	0.041	1
Benzo(a)anthracene	0.72		mg/kg	0.13	0.041	1
Chrysene	0.67		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	0.76		mg/kg	0.13	0.042	1
Benzo(k)fluoranthene	0.24		mg/kg	0.13	0.040	1
Benzo(a)pyrene	0.61		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.43		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	0.086	J	mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.38		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-18
Client ID: DP-019-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 16:16
Analyst: PS
Percent Solids: 85%

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

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	0.12	J	mg/kg	0.15	0.036	1
Acenaphthene	0.095	J	mg/kg	0.15	0.040	1
Fluorene	0.061	J	mg/kg	0.19	0.055	1
Phenanthrene	0.96		mg/kg	0.12	0.038	1
Anthracene	0.25		mg/kg	0.12	0.032	1
Fluoranthene	2.2		mg/kg	0.12	0.035	1
Pyrene	2.0		mg/kg	0.12	0.037	1
Benzo(a)anthracene	1.2		mg/kg	0.12	0.038	1
Chrysene	1.2		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.6		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.63		mg/kg	0.12	0.037	1
Benzo(a)pyrene	1.2		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.98		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	0.23		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.89		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-19
 Client ID: DP-019-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:57
 Analyst: PS
 Percent Solids: 88%

Date Collected: 07/07/15 11:18
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.099	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.14		mg/kg	0.11	0.034	1
Pyrene	0.12		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.075	J	mg/kg	0.11	0.037	1
Chrysene	0.080	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.086	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.057	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-20
 Client ID: DP-019-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:23
 Analyst: PS
 Percent Solids: 79%

Date Collected: 07/07/15 11:23
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.070	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.067	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.12	0.041	1
Anthracene	ND		mg/kg	0.12	0.035	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.041	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.041	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-21
Client ID: DP-020-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 16:42
Analyst: PS
Percent Solids: 90%

Date Collected: 07/07/15 11:55
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.061	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	0.13	J	mg/kg	0.15	0.034	1
Acenaphthene	0.048	J	mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	0.62		mg/kg	0.11	0.036	1
Anthracene	0.18		mg/kg	0.11	0.031	1
Fluoranthene	1.8		mg/kg	0.11	0.034	1
Pyrene	1.7		mg/kg	0.11	0.036	1
Benzo(a)anthracene	1.1		mg/kg	0.11	0.036	1
Chrysene	1.1		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	1.5		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.52		mg/kg	0.11	0.035	1
Benzo(a)pyrene	1.1		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.86		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.20		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.76		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-22
Client ID: DP-020-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 17:08
Analyst: PS
Percent Solids: 84%

Date Collected: 07/07/15 11:57
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	0.067	J	mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.11	J	mg/kg	0.12	0.036	1
Pyrene	0.11	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.073	J	mg/kg	0.12	0.038	1
Chrysene	0.078	J	mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.082	J	mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.064	J	mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.048	J	mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.047	J	mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-23
Client ID: DP-021-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 12:47
Analyst: AS
Percent Solids: 84%

Date Collected: 07/07/15 13:05
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.076	J	mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	0.18		mg/kg	0.16	0.037	1
Acenaphthene	0.042	J	mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	0.89		mg/kg	0.12	0.039	1
Anthracene	0.24		mg/kg	0.12	0.033	1
Fluoranthene	2.4		mg/kg	0.12	0.036	1
Pyrene	2.1		mg/kg	0.12	0.038	1
Benzo(a)anthracene	1.3		mg/kg	0.12	0.039	1
Chrysene	1.4		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	1.8		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.68		mg/kg	0.12	0.038	1
Benzo(a)pyrene	1.4		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.92		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.22		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.84		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-24
Client ID: DP-021-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 13:15
Analyst: AS
Percent Solids: 83%

Date Collected: 07/07/15 13:05
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.084	J	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	0.19		mg/kg	0.16	0.037	1
Acenaphthene	0.10	J	mg/kg	0.16	0.040	1
Fluorene	0.10	J	mg/kg	0.20	0.056	1
Phenanthrene	1.2		mg/kg	0.12	0.038	1
Anthracene	0.31		mg/kg	0.12	0.033	1
Fluoranthene	1.7		mg/kg	0.12	0.036	1
Pyrene	1.6		mg/kg	0.12	0.038	1
Benzo(a)anthracene	1.1		mg/kg	0.12	0.038	1
Chrysene	1.1		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	1.4		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.56		mg/kg	0.12	0.038	1
Benzo(a)pyrene	1.1		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	0.76		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	0.18		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.72		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	93		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-25 D
 Client ID: DP-021-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 14:11
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/07/15 13:07
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

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	0.12	J	mg/kg	0.31	0.073	2
Acenaphthene	ND		mg/kg	0.31	0.081	2
Fluorene	ND		mg/kg	0.39	0.11	2
Phenanthrene	0.46		mg/kg	0.24	0.077	2
Anthracene	0.11	J	mg/kg	0.24	0.065	2
Fluoranthene	1.1		mg/kg	0.24	0.072	2
Pyrene	0.98		mg/kg	0.24	0.076	2
Benzo(a)anthracene	0.66		mg/kg	0.24	0.077	2
Chrysene	0.76		mg/kg	0.24	0.077	2
Benzo(b)fluoranthene	0.97		mg/kg	0.24	0.079	2
Benzo(k)fluoranthene	0.40		mg/kg	0.24	0.075	2
Benzo(a)pyrene	0.67		mg/kg	0.31	0.096	2
Indeno(1,2,3-cd)pyrene	0.47		mg/kg	0.31	0.087	2
Dibenzo(a,h)anthracene	0.11	J	mg/kg	0.24	0.076	2
Benzo(ghi)perylene	0.42		mg/kg	0.31	0.081	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-26
 Client ID: DP-021-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 01:50
 Analyst: AS
 Percent Solids: 78%

Date Collected: 07/07/15 13:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.070	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.068	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.069	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	0.083	J	mg/kg	0.13	0.042	1
Anthracene	ND		mg/kg	0.13	0.035	1
Fluoranthene	0.15		mg/kg	0.13	0.039	1
Pyrene	0.13		mg/kg	0.13	0.041	1
Benzo(a)anthracene	0.088	J	mg/kg	0.13	0.042	1
Chrysene	0.087	J	mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	0.10	J	mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.040	1
Benzo(a)pyrene	0.082	J	mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	0.051	J	mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	0.044	J	mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-27 D
Client ID: DP-022-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 14:38
Analyst: AS
Percent Solids: 86%

Date Collected: 07/07/15 13:42
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.15	J	mg/kg	0.39	0.13	2
2-Methylnaphthalene	ND		mg/kg	0.46	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.39	0.13	2
Acenaphthylene	0.66		mg/kg	0.31	0.072	2
Acenaphthene	ND		mg/kg	0.31	0.080	2
Fluorene	ND		mg/kg	0.39	0.11	2
Phenanthrene	1.5		mg/kg	0.23	0.076	2
Anthracene	0.51		mg/kg	0.23	0.064	2
Fluoranthene	3.8		mg/kg	0.23	0.071	2
Pyrene	3.4		mg/kg	0.23	0.075	2
Benzo(a)anthracene	2.6		mg/kg	0.23	0.076	2
Chrysene	2.7		mg/kg	0.23	0.076	2
Benzo(b)fluoranthene	3.6		mg/kg	0.23	0.078	2
Benzo(k)fluoranthene	1.4		mg/kg	0.23	0.074	2
Benzo(a)pyrene	2.7		mg/kg	0.31	0.095	2
Indeno(1,2,3-cd)pyrene	1.9		mg/kg	0.31	0.086	2
Dibenzo(a,h)anthracene	0.42		mg/kg	0.23	0.075	2
Benzo(ghi)perylene	1.7		mg/kg	0.31	0.080	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-28 D
 Client ID: DP-022-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:06
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/07/15 13:45
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.33	J	mg/kg	0.42	0.14	2
2-Methylnaphthalene	ND		mg/kg	0.50	0.13	2
2-Chloronaphthalene	ND		mg/kg	0.42	0.14	2
Acenaphthylene	0.32	J	mg/kg	0.33	0.078	2
Acenaphthene	0.15	J	mg/kg	0.33	0.086	2
Fluorene	0.18	J	mg/kg	0.42	0.12	2
Phenanthrene	3.4		mg/kg	0.25	0.082	2
Anthracene	0.51		mg/kg	0.25	0.069	2
Fluoranthene	5.0		mg/kg	0.25	0.077	2
Pyrene	4.3		mg/kg	0.25	0.081	2
Benzo(a)anthracene	1.9		mg/kg	0.25	0.082	2
Chrysene	2.6		mg/kg	0.25	0.082	2
Benzo(b)fluoranthene	3.3		mg/kg	0.25	0.084	2
Benzo(k)fluoranthene	0.96		mg/kg	0.25	0.080	2
Benzo(a)pyrene	2.2		mg/kg	0.33	0.10	2
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.33	0.093	2
Dibenzo(a,h)anthracene	0.33		mg/kg	0.25	0.081	2
Benzo(ghi)perylene	1.6		mg/kg	0.33	0.087	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-29
 Client ID: DP-022-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 00:32
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/07/15 13:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

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	0.069	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	ND		mg/kg	0.13	0.042	1
Anthracene	ND		mg/kg	0.13	0.035	1
Fluoranthene	ND		mg/kg	0.13	0.039	1
Pyrene	ND		mg/kg	0.13	0.041	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.042	1
Chrysene	ND		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.041	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	93		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
 Client ID: EB02-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 00:58
 Analyst: AS

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	1.9	0.32	1
2-Methylnaphthalene	ND		ug/l	1.9	0.34	1
2-Chloronaphthalene	ND		ug/l	1.9	0.44	1
Acenaphthylene	ND		ug/l	1.9	0.36	1
Acenaphthene	ND		ug/l	1.9	0.27	1
Fluorene	ND		ug/l	1.9	0.31	1
Phenanthrene	ND		ug/l	1.9	0.22	1
Anthracene	ND		ug/l	1.9	0.19	1
Fluoranthene	ND		ug/l	1.9	0.39	1
Pyrene	ND		ug/l	1.9	0.51	1
Benzo(a)anthracene	ND		ug/l	1.9	0.31	1
Chrysene	ND		ug/l	1.9	0.29	1
Benzo(b)fluoranthene	ND		ug/l	1.9	0.36	1
Benzo(k)fluoranthene	ND		ug/l	1.9	0.29	1
Benzo(a)pyrene	ND		ug/l	1.9	0.64	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	1.9	0.42	1
Dibenzo(a,h)anthracene	ND		ug/l	1.9	0.42	1
Benzo(ghi)perylene	ND		ug/l	1.9	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	69		15-120
4-Terphenyl-d14	75		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-31 D
 Client ID: DP-025-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 15:34
 Analyst: AS
 Percent Solids: 89%

Date Collected: 07/07/15 13:55
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	ND		mg/kg	0.30	0.070	2
Acenaphthene	ND		mg/kg	0.30	0.077	2
Fluorene	ND		mg/kg	0.37	0.11	2
Phenanthrene	0.41		mg/kg	0.22	0.073	2
Anthracene	0.13	J	mg/kg	0.22	0.062	2
Fluoranthene	0.88		mg/kg	0.22	0.069	2
Pyrene	0.76		mg/kg	0.22	0.073	2
Benzo(a)anthracene	0.54		mg/kg	0.22	0.073	2
Chrysene	0.54		mg/kg	0.22	0.073	2
Benzo(b)fluoranthene	0.65		mg/kg	0.22	0.076	2
Benzo(k)fluoranthene	0.26		mg/kg	0.22	0.071	2
Benzo(a)pyrene	0.50		mg/kg	0.30	0.092	2
Indeno(1,2,3-cd)pyrene	0.33		mg/kg	0.30	0.083	2
Dibenzo(a,h)anthracene	0.088	J	mg/kg	0.22	0.072	2
Benzo(ghi)perylene	0.31		mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	84		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-32 D2

Date Collected: 07/07/15 14:00

Client ID: DP-025-SO-050-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/09/15 01:41

Analytical Date: 07/14/15 09:57

Analyst: AS

Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	63.		mg/kg	1.5	0.48	10

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-32 D
 Client ID: DP-025-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 16:01
 Analyst: AS
 Percent Solids: 68%

Date Collected: 07/07/15 14:00
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	3.8		mg/kg	1.2	0.41	5
2-Methylnaphthalene	2.8		mg/kg	1.5	0.39	5
2-Chloronaphthalene	ND		mg/kg	1.2	0.40	5
Acenaphthylene	7.9		mg/kg	0.98	0.23	5
Acenaphthene	0.53	J	mg/kg	0.98	0.25	5
Fluorene	1.9		mg/kg	1.2	0.35	5
Phenanthrene	60.	E	mg/kg	0.74	0.24	5
Anthracene	2.3		mg/kg	0.74	0.20	5
Fluoranthene	46.		mg/kg	0.74	0.22	5
Pyrene	42.		mg/kg	0.74	0.24	5
Benzo(a)anthracene	12.		mg/kg	0.74	0.24	5
Chrysene	22.		mg/kg	0.74	0.24	5
Benzo(b)fluoranthene	16.		mg/kg	0.74	0.25	5
Benzo(k)fluoranthene	11.		mg/kg	0.74	0.23	5
Benzo(a)pyrene	13.		mg/kg	0.98	0.30	5
Indeno(1,2,3-cd)pyrene	7.9		mg/kg	0.98	0.27	5
Dibenzo(a,h)anthracene	1.6		mg/kg	0.74	0.24	5
Benzo(ghi)perylene	6.8		mg/kg	0.98	0.26	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		30-120
4-Terphenyl-d14	56		18-120

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-33
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 01:24
 Analyst: AS
 Percent Solids: 81%

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	100		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-34
Client ID: DP-024-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/15 16:29
Analyst: AS
Percent Solids: 87%

Date Collected: 07/07/15 14:12
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.096	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	0.11	J	mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.20		mg/kg	0.15	0.036	1
Acenaphthene	0.057	J	mg/kg	0.15	0.039	1
Fluorene	0.079	J	mg/kg	0.19	0.055	1
Phenanthrene	1.2		mg/kg	0.12	0.038	1
Anthracene	0.24		mg/kg	0.12	0.032	1
Fluoranthene	1.8		mg/kg	0.12	0.035	1
Pyrene	1.6		mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.92		mg/kg	0.12	0.038	1
Chrysene	1.1		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.2		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.48		mg/kg	0.12	0.036	1
Benzo(a)pyrene	0.99		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.68		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.16		mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.60		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	41		30-120
4-Terphenyl-d14	39		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-35 D
 Client ID: DP-024-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 10:23
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.97	0.32	5
2-Methylnaphthalene	ND		mg/kg	1.2	0.31	5
2-Chloronaphthalene	ND		mg/kg	0.97	0.32	5
Acenaphthylene	0.23	J	mg/kg	0.78	0.18	5
Acenaphthene	0.22	J	mg/kg	0.78	0.20	5
Fluorene	0.32	J	mg/kg	0.97	0.28	5
Phenanthrene	3.6		mg/kg	0.58	0.19	5
Anthracene	0.98		mg/kg	0.58	0.16	5
Fluoranthene	5.6		mg/kg	0.58	0.18	5
Pyrene	4.7		mg/kg	0.58	0.19	5
Benzo(a)anthracene	2.8		mg/kg	0.58	0.19	5
Chrysene	2.6		mg/kg	0.58	0.19	5
Benzo(b)fluoranthene	3.0		mg/kg	0.58	0.20	5
Benzo(k)fluoranthene	1.3		mg/kg	0.58	0.18	5
Benzo(a)pyrene	2.5		mg/kg	0.78	0.24	5
Indeno(1,2,3-cd)pyrene	1.8		mg/kg	0.78	0.22	5
Dibenzo(a,h)anthracene	0.47	J	mg/kg	0.58	0.19	5
Benzo(ghi)perylene	1.5		mg/kg	0.78	0.20	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-36 D
 Client ID: DP-026-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 10:49
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/07/15 14:23
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.92	0.31	5
2-Methylnaphthalene	ND		mg/kg	1.1	0.29	5
2-Chloronaphthalene	ND		mg/kg	0.92	0.30	5
Acenaphthylene	0.31	J	mg/kg	0.74	0.17	5
Acenaphthene	ND		mg/kg	0.74	0.19	5
Fluorene	ND		mg/kg	0.92	0.26	5
Phenanthrene	3.8		mg/kg	0.55	0.18	5
Anthracene	0.93		mg/kg	0.55	0.15	5
Fluoranthene	8.0		mg/kg	0.55	0.17	5
Pyrene	6.8		mg/kg	0.55	0.18	5
Benzo(a)anthracene	3.8		mg/kg	0.55	0.18	5
Chrysene	3.3		mg/kg	0.55	0.18	5
Benzo(b)fluoranthene	4.2		mg/kg	0.55	0.19	5
Benzo(k)fluoranthene	1.7		mg/kg	0.55	0.18	5
Benzo(a)pyrene	3.3		mg/kg	0.74	0.22	5
Indeno(1,2,3-cd)pyrene	2.5		mg/kg	0.74	0.20	5
Dibenzo(a,h)anthracene	0.60		mg/kg	0.55	0.18	5
Benzo(ghi)perylene	2.1		mg/kg	0.74	0.19	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-37 D
 Client ID: DP-026-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 11:14
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/07/15 14:25
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.48	J	mg/kg	1.1	0.35	5
2-Methylnaphthalene	0.48	J	mg/kg	1.3	0.34	5
2-Chloronaphthalene	ND		mg/kg	1.1	0.35	5
Acenaphthylene	ND		mg/kg	0.85	0.20	5
Acenaphthene	0.64	J	mg/kg	0.85	0.22	5
Fluorene	0.67	J	mg/kg	1.1	0.31	5
Phenanthrene	7.8		mg/kg	0.64	0.21	5
Anthracene	1.8		mg/kg	0.64	0.18	5
Fluoranthene	9.0		mg/kg	0.64	0.20	5
Pyrene	7.6		mg/kg	0.64	0.21	5
Benzo(a)anthracene	3.9		mg/kg	0.64	0.21	5
Chrysene	3.9		mg/kg	0.64	0.21	5
Benzo(b)fluoranthene	3.8		mg/kg	0.64	0.22	5
Benzo(k)fluoranthene	1.6		mg/kg	0.64	0.20	5
Benzo(a)pyrene	3.1		mg/kg	0.85	0.26	5
Indeno(1,2,3-cd)pyrene	2.1		mg/kg	0.85	0.24	5
Dibenzo(a,h)anthracene	0.52	J	mg/kg	0.64	0.21	5
Benzo(ghi)perylene	2.0		mg/kg	0.85	0.22	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-38
 Client ID: DP-026-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 11:40
 Analyst: AS
 Percent Solids: 66%

Date Collected: 07/07/15 14:30
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/09/15 01:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.50	0.17	2
2-Methylnaphthalene	ND		mg/kg	0.60	0.16	2
2-Chloronaphthalene	ND		mg/kg	0.50	0.16	2
Acenaphthylene	ND		mg/kg	0.40	0.094	2
Acenaphthene	ND		mg/kg	0.40	0.10	2
Fluorene	ND		mg/kg	0.50	0.14	2
Phenanthrene	0.64		mg/kg	0.30	0.098	2
Anthracene	0.19	J	mg/kg	0.30	0.084	2
Fluoranthene	1.5		mg/kg	0.30	0.092	2
Pyrene	1.2		mg/kg	0.30	0.098	2
Benzo(a)anthracene	0.58		mg/kg	0.30	0.098	2
Chrysene	0.57		mg/kg	0.30	0.098	2
Benzo(b)fluoranthene	0.66		mg/kg	0.30	0.10	2
Benzo(k)fluoranthene	0.21	J	mg/kg	0.30	0.096	2
Benzo(a)pyrene	0.55		mg/kg	0.40	0.12	2
Indeno(1,2,3-cd)pyrene	0.37	J	mg/kg	0.40	0.11	2
Dibenzo(a,h)anthracene	0.13	J	mg/kg	0.30	0.097	2
Benzo(ghi)perylene	0.40		mg/kg	0.40	0.10	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,30 Batch: WG800986-1					
Benzaldehyde	ND		ug/l	5.0	0.99
Phenol	ND		ug/l	5.0	0.27
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.58
2-Methylphenol	ND		ug/l	5.0	0.70
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Acetophenone	ND		ug/l	5.0	0.43
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
Hexachloroethane	ND		ug/l	2.0	0.30
Nitrobenzene	ND		ug/l	2.0	0.40
Isophorone	ND		ug/l	5.0	0.79
2-Nitrophenol	ND		ug/l	10	1.0
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
Naphthalene	ND		ug/l	2.0	0.33
4-Chloroaniline	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Caprolactam	ND		ug/l	10	0.39
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Methylnaphthalene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Biphenyl	ND		ug/l	2.0	0.24
2-Chloronaphthalene	ND		ug/l	2.0	0.46
2-Nitroaniline	ND		ug/l	5.0	0.96

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,30 Batch: WG800986-1					
Dimethyl phthalate	ND		ug/l	5.0	0.33
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Acenaphthylene	ND		ug/l	2.0	0.37
3-Nitroaniline	ND		ug/l	5.0	0.67
Acenaphthene	ND		ug/l	2.0	0.28
2,4-Dinitrophenol	ND		ug/l	20	0.56
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
Dibenzofuran	ND		ug/l	2.0	0.22
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59
Diethyl phthalate	ND		ug/l	5.0	0.39
Fluorene	ND		ug/l	2.0	0.32
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Nitroaniline	ND		ug/l	5.0	0.83
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Hexachlorobenzene	ND		ug/l	2.0	0.40
Pentachlorophenol	ND		ug/l	10	3.2
Atrazine	ND		ug/l	3.0	0.79
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Carbazole	ND		ug/l	2.0	0.37
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
Benzo(a)anthracene	ND		ug/l	2.0	0.32

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 07/10/15 18:34
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 20:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,30 Batch: WG800986-1					
Chrysene	ND		ug/l	2.0	0.30
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		15-120
4-Terphenyl-d14	83		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/15 09:15
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/09/15 00:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-22 Batch: WG801024-1					
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	56		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/12/15 22:44
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/09/15 01:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 23-29,31-38 Batch: WG801044-1					
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	82		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	101		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,30 Batch: WG800986-2 WG800986-3								
Benzaldehyde	70		78		40-140	11		30
Phenol	29		33		12-110	13		30
Bis(2-chloroethyl)ether	65		73		40-140	12		30
2-Chlorophenol	68		77		27-123	12		30
2-Methylphenol	63		72		30-130	13		30
Bis(2-chloroisopropyl)ether	66		74		40-140	11		30
Acetophenone	74		84		39-129	13		30
n-Nitrosodi-n-propylamine	72		81		29-132	12		30
3-Methylphenol/4-Methylphenol	66		73		30-130	10		30
Hexachloroethane	40		46		40-140	14		30
Nitrobenzene	68		78		40-140	14		30
Isophorone	75		83		40-140	10		30
2-Nitrophenol	80		88		30-130	10		30
2,4-Dimethylphenol	69		72		30-130	4		30
Bis(2-chloroethoxy)methane	69		77		40-140	11		30
2,4-Dichlorophenol	83		92		30-130	10		30
Naphthalene	64		73		40-140	13		30
4-Chloroaniline	79		86		40-140	8		30
Hexachlorobutadiene	43		50		40-140	15		30
Caprolactam	27		28		10-130	4		30
p-Chloro-m-cresol	79		86		23-97	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,30 Batch: WG800986-2 WG800986-3								
2-Methylnaphthalene	68		77		40-140	12		30
Hexachlorocyclopentadiene	32	Q	36	Q	40-140	12		30
1,2,4,5-Tetrachlorobenzene	61		66		2-134	8		30
2,4,6-Trichlorophenol	89		94		30-130	5		30
2,4,5-Trichlorophenol	91		98		30-130	7		30
Biphenyl	74		82		40-140	10		30
2-Chloronaphthalene	76		85		40-140	11		30
2-Nitroaniline	97		104		52-143	7		30
Dimethyl phthalate	86		90		40-140	5		30
2,6-Dinitrotoluene	94		103		40-140	9		30
Acenaphthylene	84		92		45-123	9		30
3-Nitroaniline	72		75		25-145	4		30
Acenaphthene	77		83		37-111	8		30
2,4-Dinitrophenol	88		91		20-130	3		30
4-Nitrophenol	58		55		10-80	5		30
2,4-Dinitrotoluene	91		94		24-96	3		30
Dibenzofuran	81		84		40-140	4		30
2,3,4,6-Tetrachlorophenol	88		91		54-145	3		30
Diethyl phthalate	88		89		40-140	1		30
Fluorene	86		89		40-140	3		30
4-Chlorophenyl phenyl ether	83		86		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,30 Batch: WG800986-2 WG800986-3								
4-Nitroaniline	87		87		51-143	0		30
4,6-Dinitro-o-cresol	97		102		20-164	5		30
NDPA/DPA	87		91		40-140	4		30
4-Bromophenyl phenyl ether	90		95		40-140	5		30
Hexachlorobenzene	91		98		40-140	7		30
Pentachlorophenol	76		82		9-103	8		30
Atrazine	89		92		40-140	3		30
Phenanthrene	83		88		40-140	6		30
Anthracene	89		94		40-140	5		30
Carbazole	84		90		55-144	7		30
Di-n-butylphthalate	90		94		40-140	4		30
Fluoranthene	90		96		40-140	6		30
Pyrene	90		95		26-127	5		30
Butyl benzyl phthalate	92		99		40-140	7		30
3,3'-Dichlorobenzidine	86		87		40-140	1		30
Benzo(a)anthracene	87		92		40-140	6		30
Chrysene	85		91		40-140	7		30
Bis(2-Ethylhexyl)phthalate	92		97		40-140	5		30
Di-n-octylphthalate	96		101		40-140	5		30
Benzo(b)fluoranthene	87		92		40-140	6		30
Benzo(k)fluoranthene	86		91		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,30 Batch: WG800986-2 WG800986-3								
Benzo(a)pyrene	84		89		40-140	6		30
Indeno(1,2,3-cd)Pyrene	91		94		40-140	3		30
Dibenzo(a,h)anthracene	90		95		40-140	5		30
Benzo(ghi)perylene	88		93		40-140	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	65		72		23-120
2-Fluorobiphenyl	72		80		15-120
4-Terphenyl-d14	80		86		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

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: WG801024-2 WG801024-3								
Naphthalene	72		78		40-140	8		50
2-Methylnaphthalene	77		83		40-140	8		50
2-Chloronaphthalene	80		87		40-140	8		50
Acenaphthylene	81		89		40-140	9		50
Acenaphthene	74		79		31-137	7		50
Fluorene	77		84		40-140	9		50
Phenanthrene	73		80		40-140	9		50
Anthracene	75		81		40-140	8		50
Fluoranthene	79		84		40-140	6		50
Pyrene	77		85		35-142	10		50
Benzo(a)anthracene	74		78		40-140	5		50
Chrysene	75		81		40-140	8		50
Benzo(b)fluoranthene	72		78		40-140	8		50
Benzo(k)fluoranthene	73		79		40-140	8		50
Benzo(a)pyrene	72		79		40-140	9		50
Indeno(1,2,3-cd)pyrene	76		84		40-140	10		50
Dibenzo(a,h)anthracene	78		83		40-140	6		50
Benzo(ghi)perylene	77		82		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

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: WG801024-2 WG801024-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	60		67		23-120
2-Fluorobiphenyl	81		88		30-120
4-Terphenyl-d14	78		84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 23-29,31-38 Batch: WG801044-2 WG801044-3								
Naphthalene	81		77		40-140	5		50
2-Methylnaphthalene	86		82		40-140	5		50
2-Chloronaphthalene	88		84		40-140	5		50
Acenaphthylene	93		89		40-140	4		50
Acenaphthene	84		80		31-137	5		50
Fluorene	89		85		40-140	5		50
Phenanthrene	84		80		40-140	5		50
Anthracene	89		84		40-140	6		50
Fluoranthene	89		85		40-140	5		50
Pyrene	88		84		35-142	5		50
Benzo(a)anthracene	90		85		40-140	6		50
Chrysene	86		82		40-140	5		50
Benzo(b)fluoranthene	90		85		40-140	6		50
Benzo(k)fluoranthene	92		83		40-140	10		50
Benzo(a)pyrene	95		89		40-140	7		50
Indeno(1,2,3-cd)pyrene	96		91		40-140	5		50
Dibenzo(a,h)anthracene	93		87		40-140	7		50
Benzo(ghi)perylene	91		86		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 23-29,31-38 Batch: WG801044-2 WG801044-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	83		81		23-120
2-Fluorobiphenyl	95		91		30-120
4-Terphenyl-d14	93		88		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02
 Client ID: EB01-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 05:59
 Analyst: SW

Date Collected: 07/07/15 13:20
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 19:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	237	J	ug/l	562	23.6	1
---------------	-----	---	------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02
 Client ID: EB01-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 00:21
 Analyst: BS

Date Collected: 07/07/15 13:20
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		ug/l	50	3.0	1
-------------------------	----	--	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-03
 Client ID: DP-014-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 14:40
 Analyst: AR
 Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	80.5		mg/kg	35.3	3.94	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-03
Client ID: DP-014-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 13:54
Analyst: BS
Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-04
 Client ID: DP-014-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 15:52
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/07/15 08:35
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	0.97	J	mg/kg	3.2	0.061	1
-------------------------	------	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-04 D
Client ID: DP-014-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 07:48
Analyst: SW
Percent Solids: 79%

Date Collected: 07/07/15 08:35
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	2360		mg/kg	405	45.2	10
---------------	------	--	-------	-----	------	----

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-05
 Client ID: DP-014-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 06:43
 Analyst: SW
 Percent Solids: 82%

Date Collected: 07/07/15 08:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.77	J	mg/kg	39.4	4.40	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-05
 Client ID: DP-014-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 16:32
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/07/15 08:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	1.1	J	mg/kg	2.7	0.052	1
-------------------------	-----	---	-------	-----	-------	---

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: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-06
 Client ID: DP-015-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/09/15 12:07
 Analyst: AR
 Percent Solids: 95%

Date Collected: 07/07/15 09:10
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	112.		mg/kg	34.7	3.88	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-06
 Client ID: DP-015-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 17:12
 Analyst: BS
 Percent Solids: 95%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.2	J	mg/kg	2.4	0.047	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-07
 Client ID: DP-015-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 22:11
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/07/15 09:17
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	32.6	J	mg/kg	38.3	4.28	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-07
Client ID: DP-015-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 17:51
Analyst: BS
Percent Solids: 85%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	1.4	J	mg/kg	2.9	0.055	1
-------------------------	-----	---	-------	-----	-------	---

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: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-08
 Client ID: DP-015-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 00:21
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/07/15 09:30
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.53	J	mg/kg	39.2	4.38	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-08
 Client ID: DP-015-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 18:31
 Analyst: BS
 Percent Solids: 80%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-09
Client ID: DP-016-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 19:10
Analyst: BS
Percent Solids: 90%

Date Collected: 07/07/15 09:50
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-09 D
 Client ID: DP-016-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 02:31
 Analyst: AR
 Percent Solids: 90%

Date Collected: 07/07/15 09:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	346.		mg/kg	70.1	7.82	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-10
 Client ID: DP-016-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 23:49
 Analyst: AR
 Percent Solids: 66%

Date Collected: 07/07/15 09:55
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	107.		mg/kg	47.4	5.28	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-10
 Client ID: DP-016-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 19:50
 Analyst: BS
 Percent Solids: 66%

Date Collected: 07/07/15 09:55
 Date Received: 07/07/15
 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	3.6	0.069	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-11
 Client ID: DP-016-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 19:29
 Analyst: AR
 Percent Solids: 80%

Date Collected: 07/07/15 10:00
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7.06	J	mg/kg	41.7	4.66	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-11
 Client ID: DP-016-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 20:29
 Analyst: BS
 Percent Solids: 80%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-12
 Client ID: DP-017-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 21:08
 Analyst: BS
 Percent Solids: 86%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-12 D

Date Collected: 07/07/15 10:15

Client ID: DP-017-SO-010-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 21:49

Analytical Date: 07/14/15 01:58

Analyst: AR

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	310.		mg/kg	75.8	8.46	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-13
 Client ID: DP-017-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 21:06
 Analyst: AR
 Percent Solids: 75%

Date Collected: 07/07/15 10:18
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	141.		mg/kg	43.3	4.83	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-13
 Client ID: DP-017-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 21:48
 Analyst: BS
 Percent Solids: 75%

Date Collected: 07/07/15 10:18
 Date Received: 07/07/15
 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	96		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-14
 Client ID: DP-017-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 05:39
 Analyst: SW
 Percent Solids: 77%

Date Collected: 07/07/15 10:20
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	42.2	4.71	1
---------------	----	--	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-14
Client ID: DP-017-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 22:27
Analyst: BS
Percent Solids: 77%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-15
 Client ID: DP-018-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 21:39
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/07/15 10:35
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.7	J	mg/kg	36.6	4.08	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-15
 Client ID: DP-018-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 01:44
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/07/15 10:35
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-16
 Client ID: DP-018-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 06:11
 Analyst: SW
 Percent Solids: 90%

Date Collected: 07/07/15 10:40
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	35.9	4.01	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-16
 Client ID: DP-018-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 03:42
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/07/15 10:40
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-17
 Client ID: DP-018-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 23:16
 Analyst: AR
 Percent Solids: 79%

Date Collected: 07/07/15 10:45
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	97.8		mg/kg	40.9	4.57	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-17
 Client ID: DP-018-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 04:21
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/07/15 10:45
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-18
Client ID: DP-019-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 05:01
Analyst: BS
Percent Solids: 85%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-18 D

Date Collected: 07/07/15 11:15

Client ID: DP-019-SO-010-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 21:49

Analytical Date: 07/14/15 04:41

Analyst: AR

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	280.		mg/kg	75.4	8.41	2
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-19
 Client ID: DP-019-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 20:01
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/07/15 11:18
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7.62	J	mg/kg	37.8	4.22	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-19
Client ID: DP-019-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 05:40
Analyst: BS
Percent Solids: 88%

Date Collected: 07/07/15 11:18
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.4	0.047	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-20
Client ID: DP-019-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 06:43
Analyst: SW
Percent Solids: 79%

Date Collected: 07/07/15 11:23
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	39.8	4.44	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-20
 Client ID: DP-019-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 06:19
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/07/15 11:23
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.0	J	mg/kg	2.7	0.053	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	113		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-21
 Client ID: DP-020-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 06:59
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/07/15 11:55
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-21 D
Client ID: DP-020-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 04:08
Analyst: AR
Percent Solids: 90%

Date Collected: 07/07/15 11:55
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	255.		mg/kg	73.9	8.24	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-22
 Client ID: DP-020-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 07:38
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/07/15 11:57
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.049	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-22 D

Date Collected: 07/07/15 11:57

Client ID: DP-020-SO-050-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 21:49

Analytical Date: 07/14/15 03:03

Analyst: AR

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	332.		mg/kg	75.2	8.40	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	67		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-23
 Client ID: DP-021-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 05:13
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	88.5		mg/kg	38.1	4.26	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-23
 Client ID: DP-021-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 08:18
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-24
 Client ID: DP-021-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 08:57
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-24 D
Client ID: DP-021-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 03:36
Analyst: AR
Percent Solids: 83%

Date Collected: 07/07/15 13:05
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	381.		mg/kg	75.3	8.40	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-25
 Client ID: DP-021-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 22:44
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/07/15 13:07
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	84.3		mg/kg	37.9	4.23	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-25
 Client ID: DP-021-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 09:36
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/07/15 13:07
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-26
 Client ID: DP-021-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 20:34
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/07/15 13:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	33.2	J	mg/kg	42.1	4.70	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-26
 Client ID: DP-021-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 10:16
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/07/15 13:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-27
 Client ID: DP-022-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 09:25
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/07/15 13:42
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	581.		mg/kg	185	20.6	5
---------------	------	--	-------	-----	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-27
Client ID: DP-022-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 13:52
Analyst: BS
Percent Solids: 86%

Date Collected: 07/07/15 13:42
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	1.9	J	mg/kg	2.3	0.044	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-28
 Client ID: DP-022-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 15:54
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/07/15 13:45
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-28 D
Client ID: DP-022-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 08:20
Analyst: SW
Percent Solids: 79%

Date Collected: 07/07/15 13:45
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	276.		mg/kg	81.2	9.06	2
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-29
 Client ID: DP-022-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 09:05
 Analyst: AR
 Percent Solids: 77%

Date Collected: 07/07/15 13:50
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	19.8	J	mg/kg	41.7	4.65	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-29
Client ID: DP-022-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 16:35
Analyst: BS
Percent Solids: 77%

Date Collected: 07/07/15 13:50
Date Received: 07/07/15
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	3.1	0.060	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
 Client ID: EB02-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 06:34
 Analyst: SW

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/08/15 19:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	166	J	ug/l	581	24.4	1
---------------	-----	---	------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
 Client ID: EB02-070715
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 01:01
 Analyst: BS

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	41	J	ug/l	50	3.0	1
-------------------------	----	---	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-31
 Client ID: DP-025-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/10/15 07:53
 Analyst: AR
 Percent Solids: 89%

Date Collected: 07/07/15 13:55
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	312.		mg/kg	36.9	4.12	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-31
 Client ID: DP-025-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 17:15
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/07/15 13:55
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-32
Client ID: DP-025-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 17:56
Analyst: BS
Percent Solids: 68%

Date Collected: 07/07/15 14:00
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	5.5		mg/kg	3.4	0.066	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-32 D

Date Collected: 07/07/15 14:00

Client ID: DP-025-SO-050-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 22:43

Analytical Date: 07/12/15 17:27

Analyst: SW

Percent Solids: 68%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	13200		mg/kg	2380	265.	50
---------------	-------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-33
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 07:16
 Analyst: SW
 Percent Solids: 81%

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	317.		mg/kg	38.6	4.31	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-33
Client ID: DP-025-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 18:36
Analyst: BS
Percent Solids: 81%

Date Collected: 07/07/15 14:05
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	6.9		mg/kg	2.9	0.056	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-34
Client ID: DP-024-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 19:17
Analyst: BS
Percent Solids: 87%

Date Collected: 07/07/15 14:12
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-34 D
Client ID: DP-024-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 18:40
Analyst: SW
Percent Solids: 87%

Date Collected: 07/07/15 14:12
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	473.		mg/kg	188	20.9	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-35
 Client ID: DP-024-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 19:57
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.8		mg/kg	2.7	0.053	1
-------------------------	-----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-35 D
Client ID: DP-024-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 19:51
Analyst: SW
Percent Solids: 84%

Date Collected: 07/07/15 14:15
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	461.		mg/kg	193	21.6	5
---------------	------	--	-------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-36
 Client ID: DP-026-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 20:38
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/07/15 14:23
 Date Received: 07/07/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	80		70-130
4-Bromofluorobenzene	70		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-36 D
Client ID: DP-026-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 18:04
Analyst: SW
Percent Solids: 90%

Date Collected: 07/07/15 14:23
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	734.		mg/kg	368	41.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-37
Client ID: DP-026-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 21:18
Analyst: BS
Percent Solids: 77%

Date Collected: 07/07/15 14:25
Date Received: 07/07/15
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	3.2	0.062	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-37 D

Date Collected: 07/07/15 14:25

Client ID: DP-026-SO-050-01

Date Received: 07/07/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/08/15 22:43

Analytical Date: 07/12/15 19:15

Analyst: SW

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	383.		mg/kg	208	23.2	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-38
Client ID: DP-026-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 21:58
Analyst: BS
Percent Solids: 66%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	3.9		mg/kg	3.8	0.073	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	73		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515522**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515522-38 D
Client ID: DP-026-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/12/15 16:52
Analyst: SW
Percent Solids: 66%

Date Collected: 07/07/15 14:30
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	38900		mg/kg	4950	552.	100
---------------	-------	--	-------	------	------	-----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/09/15 10:21
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/08/15 19:07

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 03-06 Batch: WG800964-1					
Total Petroleum Hydrocarbons (C9-C44)	4.89	J	mg/kg	32.0	3.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 11:33
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 07/08/15 19:54

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02,30 Batch: WG800971-1					
Total Petroleum Hydrocarbons (C9-C44)	189	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/13/15 18:24
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/08/15 21:49

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 07-26 Batch: WG801004-1					
Total Petroleum Hydrocarbons (C9-C44)	7.06	J	mg/kg	31.6	3.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/10/15 04:56
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/08/15 22:43

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 27-29,31-38 Batch: WG801013-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.9	3.56

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 02,30 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: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 10:55
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03-14 Batch: WG803307-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 27-29,31-38 Batch: WG803311-3					
Gasoline Range Organics	1.7	J	mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 01:05
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 15-26 Batch: WG803357-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	101		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-06 Batch: WG800964-2								
Total Petroleum Hydrocarbons (C9-C44)	70		-		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: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02,30 Batch: WG800971-2 WG800971-3								
DROD (C9-C44)	86		78		40-140	10		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	87		85		40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 07-26 Batch: WG801004-2								
Total Petroleum Hydrocarbons (C9-C44)	77		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	65				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 27-29,31-38 Batch: WG801013-2								
Total Petroleum Hydrocarbons (C9-C44)	78		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	77				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02,30 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: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-14 Batch: WG803307-1 WG803307-2								
Gasoline Range Organics	87		97		80-120	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		110		70-130
4-Bromofluorobenzene	111		116		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 27-29,31-38 Batch: WG803311-1 WG803311-2								
Gasoline Range Organics	87		95		80-120	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	106		104		70-130
4-Bromofluorobenzene	98		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 15-26 Batch: WG803357-1 WG803357-2								
Gasoline Range Organics	92		94		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		103		70-130
4-Bromofluorobenzene	109		110		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

<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): 03-14 QC Batch ID: WG803307-5 QC Sample: L1515522-03 Client ID: DP-014-SO-010-01												
Gasoline Range Organics	ND	22.2	20	90		-	-		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	105				70-130
4-Bromofluorobenzene	108				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

<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): 27-29,31-38 QC Batch ID: WG803311-5 QC Sample: L1515522-27 Client ID: DP-022-SO-010-01												
Gasoline Range Organics	1.9J	18.5	20	106		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	99				70-130
4-Bromofluorobenzene	82				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

<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): 15-26 QC Batch ID: WG803357-5 QC Sample: L1515522-15 Client ID: DP-018-SO-010-01												
Gasoline Range Organics	ND	20.9	19	89		-	-		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: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG800964-3 QC Sample: L1515522-06 Client ID: DP-015-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	112	104	mg/kg	7		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	69		78		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 07-26 QC Batch ID: WG801004-3 QC Sample: L1515522-12 Client ID: DP-017-SO-010-01						
Total Petroleum Hydrocarbons (C9-C44)	310	242	mg/kg	25		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		72		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 27-29,31-38 QC Batch ID: WG801013-3 QC Sample: L1515522-27 Client ID: DP-022-SO-010-01					
Total Petroleum Hydrocarbons (C9-C44)	581	714	mg/kg	21	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		83		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03-14 QC Batch ID: WG803307-4 QC Sample: L1515522-03 Client ID: DP-014-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		101		70-130
4-Bromofluorobenzene	105		106		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 27-29,31-38 QC Batch ID: WG803311-4 QC Sample: L1515522-27 Client ID: DP-022-SO-010-01					
Gasoline Range Organics	1.9J	1.9J	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96	92	70-130
4-Bromofluorobenzene	82	78	70-130



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 15-26 QC Batch ID: WG803357-4 QC Sample: L1515522-15 Client ID: DP-018-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		100		70-130
4-Bromofluorobenzene	99		103		70-130

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-02
Client ID: EB01-070715
Sample Location: Not Specified
Matrix: Water

Date Collected: 07/07/15 13:20
Date Received: 07/07/15
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	24.	J	ug/l	100	20.	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Antimony, Total	ND		ug/l	50.0	8.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Arsenic, Total	3.40	J	ug/l	5.00	2.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Barium, Total	ND		ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Calcium, Total	54.	J	ug/l	100	30.	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Chromium, Total	2.1	J	ug/l	10.	2.0	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Copper, Total	2.30	J	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Iron, Total	80.		ug/l	50.	20.	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Lead, Total	ND		ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Magnesium, Total	11.	J	ug/l	100	10.	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Manganese, Total	2.20	J	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/10/15 13:33	07/10/15 19:38	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Potassium, Total	ND		ug/l	2500	400	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Selenium, Total	ND		ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Silver, Total	ND		ug/l	7.00	2.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Sodium, Total	ND		ug/l	2000	300	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Thallium, Total	ND		ug/l	20.0	4.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT
Zinc, Total	ND		ug/l	50.0	7.00	1	07/09/15 14:03	07/10/15 20:35	EPA 3005A	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-09
 Client ID: DP-016-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/07/15 09:50
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8300		mg/kg	8.8	1.8	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Arsenic, Total	4.2		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Barium, Total	120		mg/kg	0.88	0.26	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.23	J	mg/kg	0.44	0.09	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Cadmium, Total	0.24	J	mg/kg	0.88	0.06	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Calcium, Total	16000		mg/kg	8.8	2.6	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Chromium, Total	22		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Cobalt, Total	5.3		mg/kg	1.8	0.44	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Copper, Total	30		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Iron, Total	24000		mg/kg	4.4	1.8	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Lead, Total	260		mg/kg	4.4	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Magnesium, Total	1800		mg/kg	8.8	0.88	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Manganese, Total	160		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.48		mg/kg	0.07	0.02	1	07/09/15 07:39	07/10/15 11:53	EPA 7471B	1,7471B	DB
Nickel, Total	25		mg/kg	2.2	0.35	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Potassium, Total	590		mg/kg	220	35.	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.62	J	mg/kg	1.8	0.26	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Sodium, Total	980		mg/kg	180	26.	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Vanadium, Total	31		mg/kg	0.88	0.09	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC
Zinc, Total	170		mg/kg	4.4	0.62	2	07/10/15 08:31	07/10/15 18:34	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-10
 Client ID: DP-016-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 66%

Date Collected: 07/07/15 09:55
 Date Received: 07/07/15
 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	4600		mg/kg	12	2.3	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Antimony, Total	13		mg/kg	5.8	0.93	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Arsenic, Total	37		mg/kg	1.2	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Barium, Total	110		mg/kg	1.2	0.35	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Beryllium, Total	0.36	J	mg/kg	0.58	0.12	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Cadmium, Total	1.2		mg/kg	1.2	0.08	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Calcium, Total	72000		mg/kg	12	3.5	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Chromium, Total	35		mg/kg	1.2	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Cobalt, Total	5.0		mg/kg	2.3	0.58	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Copper, Total	650		mg/kg	1.2	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Iron, Total	44000		mg/kg	5.8	2.3	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Lead, Total	1800		mg/kg	5.8	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	12	1.2	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Manganese, Total	380		mg/kg	1.2	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Mercury, Total	4.1		mg/kg	0.29	0.06	3	07/09/15 07:39	07/10/15 12:10	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.9	0.46	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Potassium, Total	660		mg/kg	290	46.	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Selenium, Total	2.6		mg/kg	2.3	0.35	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Silver, Total	2.6		mg/kg	1.2	0.23	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Sodium, Total	480		mg/kg	230	35.	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.3	0.46	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Vanadium, Total	16		mg/kg	1.2	0.12	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC
Zinc, Total	910		mg/kg	5.8	0.81	2	07/10/15 08:31	07/10/15 18:52	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-11
 Client ID: DP-016-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/07/15 10:00
 Date Received: 07/07/15
 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	9.8	2.0	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.79	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Arsenic, Total	1.6		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Barium, Total	50		mg/kg	0.98	0.30	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Beryllium, Total	0.52		mg/kg	0.49	0.10	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Calcium, Total	1300		mg/kg	9.8	3.0	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Chromium, Total	26		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Cobalt, Total	5.9		mg/kg	2.0	0.49	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Copper, Total	16		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Iron, Total	36000		mg/kg	4.9	2.0	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Lead, Total	13		mg/kg	4.9	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	9.8	0.98	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Manganese, Total	210		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Mercury, Total	0.13		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 12:01	EPA 7471B	1,7471B	DB
Nickel, Total	9.8		mg/kg	2.5	0.39	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Potassium, Total	800		mg/kg	250	39.	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Selenium, Total	0.46	J	mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Sodium, Total	210		mg/kg	200	30.	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Vanadium, Total	47		mg/kg	0.98	0.10	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC
Zinc, Total	35		mg/kg	4.9	0.69	2	07/10/15 08:31	07/10/15 18:56	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-12
 Client ID: DP-017-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4300		mg/kg	9.1	1.8	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Antimony, Total	0.94	J	mg/kg	4.6	0.73	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Arsenic, Total	5.2		mg/kg	0.91	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Barium, Total	89		mg/kg	0.91	0.27	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Beryllium, Total	0.27	J	mg/kg	0.46	0.09	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Cadmium, Total	0.25	J	mg/kg	0.91	0.06	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Calcium, Total	43000		mg/kg	9.1	2.7	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.91	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Cobalt, Total	6.3		mg/kg	1.8	0.46	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Copper, Total	52		mg/kg	0.91	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.6	1.8	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Lead, Total	420		mg/kg	4.6	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Magnesium, Total	2000		mg/kg	9.1	0.91	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Manganese, Total	300		mg/kg	0.91	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Mercury, Total	0.83		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 12:03	EPA 7471B	1,7471B	DB
Nickel, Total	8.2		mg/kg	2.3	0.36	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Potassium, Total	760		mg/kg	230	36.	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Selenium, Total	0.52	J	mg/kg	1.8	0.27	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Silver, Total	0.28	J	mg/kg	0.91	0.18	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Sodium, Total	250		mg/kg	180	27.	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.91	0.09	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC
Zinc, Total	200		mg/kg	4.6	0.64	2	07/10/15 08:31	07/10/15 19:19	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-13
 Client ID: DP-017-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 75%

Date Collected: 07/07/15 10:18
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3700		mg/kg	10	2.1	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Antimony, Total	2.2	J	mg/kg	5.3	0.85	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Arsenic, Total	7.1		mg/kg	1.0	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Barium, Total	260		mg/kg	1.0	0.32	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Beryllium, Total	0.42	J	mg/kg	0.53	0.10	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Cadmium, Total	3.3		mg/kg	1.0	0.07	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Calcium, Total	13000		mg/kg	10	3.2	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	1.0	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Cobalt, Total	4.3		mg/kg	2.1	0.53	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Copper, Total	82		mg/kg	1.0	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Iron, Total	15000		mg/kg	5.3	2.1	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Lead, Total	450		mg/kg	5.3	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Magnesium, Total	620		mg/kg	10	1.0	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	1.0	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Mercury, Total	7.1		mg/kg	0.87	0.18	10	07/09/15 07:39	07/10/15 12:12	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.6	0.42	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Potassium, Total	740		mg/kg	260	42.	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Selenium, Total	0.57	J	mg/kg	2.1	0.32	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Silver, Total	0.34	J	mg/kg	1.0	0.21	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Sodium, Total	400		mg/kg	210	32.	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.42	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	1.0	0.10	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC
Zinc, Total	720		mg/kg	5.3	0.74	2	07/10/15 08:31	07/10/15 19:23	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-14
 Client ID: DP-017-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/07/15 10:20
 Date Received: 07/07/15
 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	10	2.0	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.1	0.81	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Arsenic, Total	1.4		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Barium, Total	67		mg/kg	1.0	0.30	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Beryllium, Total	0.65		mg/kg	0.51	0.10	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Calcium, Total	1600		mg/kg	10	3.0	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Cobalt, Total	15		mg/kg	2.0	0.51	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Copper, Total	11		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	5.1	2.0	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Lead, Total	35		mg/kg	5.1	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	10	1.0	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Manganese, Total	400		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Mercury, Total	0.08		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 12:07	EPA 7471B	1,7471B	DB
Nickel, Total	8.4		mg/kg	2.5	0.40	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Potassium, Total	820		mg/kg	250	40.	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Selenium, Total	0.46	J	mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Sodium, Total	110	J	mg/kg	200	30.	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Vanadium, Total	32		mg/kg	1.0	0.10	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC
Zinc, Total	31		mg/kg	5.1	0.71	2	07/10/15 08:31	07/10/15 19:27	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-15
 Client ID: DP-018-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/07/15 10:35
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5300		mg/kg	8.8	1.8	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Antimony, Total	16		mg/kg	4.4	0.70	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Arsenic, Total	1.5		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Barium, Total	120		mg/kg	0.88	0.26	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.36	J	mg/kg	0.44	0.09	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Cadmium, Total	0.31	J	mg/kg	0.88	0.06	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Calcium, Total	37000		mg/kg	8.8	2.6	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Chromium, Total	25		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Cobalt, Total	7.9		mg/kg	1.8	0.44	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Copper, Total	36		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Iron, Total	33000		mg/kg	4.4	1.8	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Lead, Total	200		mg/kg	4.4	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Magnesium, Total	3100		mg/kg	8.8	0.88	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Manganese, Total	360		mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.32		mg/kg	0.07	0.02	1	07/09/15 07:39	07/10/15 12:09	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.2	0.35	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Potassium, Total	940		mg/kg	220	35.	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Silver, Total	0.22	J	mg/kg	0.88	0.18	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Sodium, Total	230		mg/kg	180	26.	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	0.88	0.09	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC
Zinc, Total	180		mg/kg	4.4	0.62	2	07/10/15 08:31	07/10/15 19:31	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-16
 Client ID: DP-018-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/07/15 10:40
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4200		mg/kg	8.9	1.8	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Arsenic, Total	7.8		mg/kg	0.89	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Barium, Total	38		mg/kg	0.89	0.26	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.20	J	mg/kg	0.44	0.09	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Calcium, Total	8100		mg/kg	8.9	2.6	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Chromium, Total	11		mg/kg	0.89	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Cobalt, Total	2.9		mg/kg	1.8	0.44	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Copper, Total	8.6		mg/kg	0.89	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Iron, Total	8500		mg/kg	4.4	1.8	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Lead, Total	18		mg/kg	4.4	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	8.9	0.89	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Manganese, Total	57		mg/kg	0.89	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	07/09/15 07:39	07/10/15 12:14	EPA 7471B	1,7471B	DB
Nickel, Total	5.1		mg/kg	2.2	0.35	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Potassium, Total	760		mg/kg	220	35.	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.89	0.18	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Sodium, Total	39	J	mg/kg	180	26.	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.89	0.09	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC
Zinc, Total	40		mg/kg	4.4	0.62	2	07/10/15 08:31	07/10/15 19:34	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-17
 Client ID: DP-018-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/07/15 10:45
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7700		mg/kg	9.8	2.0	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.79	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Arsenic, Total	3.1		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Barium, Total	65		mg/kg	0.98	0.30	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Beryllium, Total	0.23	J	mg/kg	0.49	0.10	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Calcium, Total	25000		mg/kg	9.8	3.0	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Chromium, Total	15		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Cobalt, Total	4.9		mg/kg	2.0	0.49	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Copper, Total	16		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	4.9	2.0	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Lead, Total	93		mg/kg	4.9	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Magnesium, Total	1200		mg/kg	9.8	0.98	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Mercury, Total	0.33		mg/kg	0.09	0.02	1	07/09/15 07:39	07/10/15 12:16	EPA 7471B	1,7471B	DB
Nickel, Total	5.4		mg/kg	2.5	0.39	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	250	39.	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Selenium, Total	0.50	J	mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.98	0.20	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Sodium, Total	91	J	mg/kg	200	30.	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.98	0.10	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC
Zinc, Total	36		mg/kg	4.9	0.69	2	07/10/15 08:31	07/10/15 19:38	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-18
 Client ID: DP-019-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/07/15 11:15
 Date Received: 07/07/15
 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	5900		mg/kg	9.2	1.8	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Antimony, Total	4.8		mg/kg	4.6	0.74	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Arsenic, Total	10		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Barium, Total	250		mg/kg	0.92	0.28	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Beryllium, Total	0.47		mg/kg	0.46	0.09	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Cadmium, Total	0.32	J	mg/kg	0.92	0.06	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Calcium, Total	20000		mg/kg	9.2	2.8	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Chromium, Total	17		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Cobalt, Total	7.0		mg/kg	1.8	0.46	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Copper, Total	54		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Iron, Total	25000		mg/kg	4.6	1.8	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Lead, Total	3200		mg/kg	4.6	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Magnesium, Total	2000		mg/kg	9.2	0.92	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Manganese, Total	530		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Mercury, Total	1.0		mg/kg	0.08	0.02	1	07/09/15 07:39	07/10/15 12:21	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.3	0.37	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Potassium, Total	670		mg/kg	230	37.	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Selenium, Total	0.73	J	mg/kg	1.8	0.28	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Silver, Total	0.47	J	mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Sodium, Total	140	J	mg/kg	180	28.	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Vanadium, Total	23		mg/kg	0.92	0.09	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC
Zinc, Total	430		mg/kg	4.6	0.64	2	07/10/15 08:31	07/10/15 19:42	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-19
 Client ID: DP-019-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/07/15 11:18
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3700		mg/kg	9.0	1.8	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Arsenic, Total	7.2		mg/kg	0.90	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Barium, Total	33		mg/kg	0.90	0.27	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Beryllium, Total	0.19	J	mg/kg	0.45	0.09	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Calcium, Total	7900		mg/kg	9.0	2.7	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Chromium, Total	9.2		mg/kg	0.90	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Cobalt, Total	2.5		mg/kg	1.8	0.45	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Copper, Total	9.1		mg/kg	0.90	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Iron, Total	7700		mg/kg	4.5	1.8	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Lead, Total	19		mg/kg	4.5	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Magnesium, Total	890		mg/kg	9.0	0.90	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Manganese, Total	64		mg/kg	0.90	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Mercury, Total	0.067	J	mg/kg	0.073	0.015	1	07/09/15 07:39	07/10/15 12:23	EPA 7471B	1,7471B	DB
Nickel, Total	3.9		mg/kg	2.2	0.36	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Potassium, Total	570		mg/kg	220	36.	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Sodium, Total	41	J	mg/kg	180	27.	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Thallium, Total	0.37	J	mg/kg	1.8	0.36	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Vanadium, Total	17		mg/kg	0.90	0.09	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC
Zinc, Total	16		mg/kg	4.5	0.63	2	07/10/15 08:31	07/10/15 21:28	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-20
 Client ID: DP-019-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/07/15 11:23
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	10	2.0	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Arsenic, Total	1.1		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Barium, Total	43		mg/kg	1.0	0.30	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Beryllium, Total	0.55		mg/kg	0.50	0.10	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Calcium, Total	1000		mg/kg	10	3.0	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Chromium, Total	23		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Cobalt, Total	8.1		mg/kg	2.0	0.50	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Iron, Total	27000		mg/kg	5.0	2.0	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Lead, Total	14		mg/kg	5.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	10	1.0	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Mercury, Total	0.11		mg/kg	0.09	0.02	1	07/09/15 08:27	07/10/15 13:07	EPA 7471B	1,7471B	DB
Nickel, Total	9.8		mg/kg	2.5	0.40	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Potassium, Total	820		mg/kg	250	40.	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Sodium, Total	140	J	mg/kg	200	30.	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Vanadium, Total	42		mg/kg	1.0	0.10	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC
Zinc, Total	35		mg/kg	5.0	0.70	2	07/10/15 08:31	07/10/15 21:32	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-21
 Client ID: DP-020-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/07/15 11:55
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4300		mg/kg	8.6	1.7	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Antimony, Total	0.84	J	mg/kg	4.3	0.69	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Arsenic, Total	4.7		mg/kg	0.86	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Barium, Total	110		mg/kg	0.86	0.26	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Beryllium, Total	0.27	J	mg/kg	0.43	0.09	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Cadmium, Total	0.48	J	mg/kg	0.86	0.06	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Calcium, Total	9900		mg/kg	8.6	2.6	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Chromium, Total	12		mg/kg	0.86	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Cobalt, Total	5.8		mg/kg	1.7	0.43	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Copper, Total	82		mg/kg	0.86	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.3	1.7	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Lead, Total	280		mg/kg	4.3	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	8.6	0.86	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Manganese, Total	340		mg/kg	0.86	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Mercury, Total	0.65		mg/kg	0.07	0.02	1	07/09/15 08:27	07/10/15 13:14	EPA 7471B	1,7471B	DB
Nickel, Total	9.4		mg/kg	2.1	0.34	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Potassium, Total	500		mg/kg	210	34.	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Selenium, Total	0.51	J	mg/kg	1.7	0.26	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Silver, Total	0.34	J	mg/kg	0.86	0.17	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Sodium, Total	80	J	mg/kg	170	26.	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Vanadium, Total	17		mg/kg	0.86	0.09	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC
Zinc, Total	240		mg/kg	4.3	0.60	2	07/10/15 08:31	07/10/15 21:35	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-22
 Client ID: DP-020-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/07/15 11:57
 Date Received: 07/07/15
 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	4800		mg/kg	9.4	1.9	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Arsenic, Total	7.0		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Barium, Total	48		mg/kg	0.94	0.28	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Beryllium, Total	0.27	J	mg/kg	0.47	0.09	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Cadmium, Total	0.10	J	mg/kg	0.94	0.07	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Calcium, Total	29000		mg/kg	9.4	2.8	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Chromium, Total	15		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Cobalt, Total	4.7		mg/kg	1.9	0.47	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Copper, Total	14		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Iron, Total	10000		mg/kg	4.7	1.9	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Lead, Total	54		mg/kg	4.7	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Magnesium, Total	1800		mg/kg	9.4	0.94	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Manganese, Total	120		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Mercury, Total	0.58		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:15	EPA 7471B	1,7471B	DB
Nickel, Total	7.9		mg/kg	2.3	0.38	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Potassium, Total	770		mg/kg	230	38.	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Selenium, Total	0.32	J	mg/kg	1.9	0.28	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Sodium, Total	92	J	mg/kg	190	28.	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.94	0.09	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC
Zinc, Total	70		mg/kg	4.7	0.66	2	07/10/15 08:31	07/10/15 21:39	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-23
 Client ID: DP-021-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6900		mg/kg	9.4	1.9	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Antimony, Total	3.5	J	mg/kg	4.7	0.75	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Arsenic, Total	12		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Barium, Total	330		mg/kg	0.94	0.28	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Beryllium, Total	0.58		mg/kg	0.47	0.09	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Cadmium, Total	1.3		mg/kg	0.94	0.07	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Calcium, Total	11000		mg/kg	9.4	2.8	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Cobalt, Total	8.0		mg/kg	1.9	0.47	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Copper, Total	94		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	4.7	1.9	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Lead, Total	770		mg/kg	4.7	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	9.4	0.94	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Manganese, Total	1000		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Mercury, Total	2.0		mg/kg	0.23	0.05	3	07/09/15 08:27	07/10/15 15:31	EPA 7471B	1,7471B	DB
Nickel, Total	17		mg/kg	2.4	0.38	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Potassium, Total	600		mg/kg	240	38.	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Selenium, Total	0.98	J	mg/kg	1.9	0.28	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Silver, Total	0.61	J	mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Sodium, Total	190		mg/kg	190	28.	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Vanadium, Total	25		mg/kg	0.94	0.09	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC
Zinc, Total	580		mg/kg	4.7	0.66	2	07/10/15 08:31	07/10/15 21:43	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-24
 Client ID: DP-021-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 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	9.5	1.9	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Antimony, Total	2.9	J	mg/kg	4.8	0.76	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Arsenic, Total	7.2		mg/kg	0.95	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Barium, Total	350		mg/kg	0.95	0.28	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Beryllium, Total	0.57		mg/kg	0.48	0.10	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Cadmium, Total	0.94	J	mg/kg	0.95	0.07	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Calcium, Total	14000		mg/kg	9.5	2.8	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.95	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Cobalt, Total	6.6		mg/kg	1.9	0.48	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Copper, Total	100		mg/kg	0.95	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.8	1.9	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Lead, Total	850		mg/kg	4.8	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Magnesium, Total	2100		mg/kg	9.5	0.95	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Manganese, Total	420		mg/kg	0.95	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Mercury, Total	1.1		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:19	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.4	0.38	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Potassium, Total	710		mg/kg	240	38.	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Selenium, Total	0.95	J	mg/kg	1.9	0.28	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Silver, Total	0.76	J	mg/kg	0.95	0.19	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Sodium, Total	240		mg/kg	190	28.	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Vanadium, Total	25		mg/kg	0.95	0.10	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC
Zinc, Total	470		mg/kg	4.8	0.67	2	07/10/15 08:31	07/10/15 21:47	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-25
 Client ID: DP-021-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	9.4	1.9	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Antimony, Total	3.0	J	mg/kg	4.7	0.75	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Arsenic, Total	5.6		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Barium, Total	140		mg/kg	0.94	0.28	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Beryllium, Total	0.47		mg/kg	0.47	0.09	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Cadmium, Total	0.23	J	mg/kg	0.94	0.07	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Calcium, Total	5700		mg/kg	9.4	2.8	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Chromium, Total	19		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Cobalt, Total	7.7		mg/kg	1.9	0.47	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Copper, Total	94		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Iron, Total	28000		mg/kg	4.7	1.9	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Lead, Total	380		mg/kg	4.7	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Magnesium, Total	1200		mg/kg	9.4	0.94	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Manganese, Total	370		mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Mercury, Total	1.1		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:21	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.4	0.38	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Potassium, Total	860		mg/kg	240	38.	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Selenium, Total	0.33	J	mg/kg	1.9	0.28	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Silver, Total	0.42	J	mg/kg	0.94	0.19	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Sodium, Total	86	J	mg/kg	190	28.	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.94	0.09	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC
Zinc, Total	260		mg/kg	4.7	0.66	2	07/10/15 08:31	07/10/15 21:50	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-26
 Client ID: DP-021-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/07/15 13:15
 Date Received: 07/07/15
 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	10	2.0	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Arsenic, Total	0.86	J	mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Barium, Total	54		mg/kg	1.0	0.30	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Beryllium, Total	0.52		mg/kg	0.50	0.10	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Calcium, Total	1500		mg/kg	10	3.0	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Chromium, Total	23		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Cobalt, Total	7.0		mg/kg	2.0	0.50	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Copper, Total	11		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Iron, Total	23000		mg/kg	5.0	2.0	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Lead, Total	16		mg/kg	5.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	10	1.0	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Manganese, Total	470		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Mercury, Total	0.17		mg/kg	0.09	0.02	1	07/09/15 08:27	07/10/15 13:26	EPA 7471B	1,7471B	DB
Nickel, Total	8.5		mg/kg	2.5	0.40	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Potassium, Total	870		mg/kg	250	40.	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Sodium, Total	90	J	mg/kg	200	30.	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Vanadium, Total	37		mg/kg	1.0	0.10	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC
Zinc, Total	30		mg/kg	5.0	0.70	2	07/10/15 08:31	07/10/15 22:13	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-27
 Client ID: DP-022-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/07/15 13:42
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6000		mg/kg	9.2	1.8	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Antimony, Total	4.9		mg/kg	4.6	0.74	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Arsenic, Total	8.7		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Barium, Total	370		mg/kg	0.92	0.28	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Beryllium, Total	0.53		mg/kg	0.46	0.09	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Cadmium, Total	1.2		mg/kg	0.92	0.07	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Calcium, Total	18000		mg/kg	9.2	2.8	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Cobalt, Total	6.4		mg/kg	1.8	0.46	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Copper, Total	88		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Iron, Total	32000		mg/kg	4.6	1.8	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Lead, Total	990		mg/kg	4.6	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Magnesium, Total	1800		mg/kg	9.2	0.92	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Manganese, Total	300		mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Mercury, Total	0.98		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:28	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.3	0.37	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Potassium, Total	710		mg/kg	230	37.	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Selenium, Total	0.94	J	mg/kg	1.8	0.28	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Silver, Total	0.56	J	mg/kg	0.92	0.18	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Sodium, Total	100	J	mg/kg	180	28.	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Vanadium, Total	27		mg/kg	0.92	0.09	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC
Zinc, Total	540		mg/kg	4.6	0.65	2	07/10/15 08:31	07/10/15 22:17	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-28
 Client ID: DP-022-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/07/15 13:45
 Date Received: 07/07/15
 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	4600		mg/kg	10	2.0	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Antimony, Total	2.1	J	mg/kg	5.0	0.80	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Arsenic, Total	15		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Barium, Total	370		mg/kg	1.0	0.30	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Beryllium, Total	0.62		mg/kg	0.50	0.10	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Cadmium, Total	1.6		mg/kg	1.0	0.07	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Calcium, Total	13000		mg/kg	10	3.0	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Chromium, Total	42		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Cobalt, Total	9.1		mg/kg	2.0	0.50	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Copper, Total	360		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Iron, Total	68000		mg/kg	5.0	2.0	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Lead, Total	1000		mg/kg	5.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Magnesium, Total	1000		mg/kg	10	1.0	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Manganese, Total	360		mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Mercury, Total	2.2		mg/kg	0.25	0.05	3	07/09/15 08:27	07/10/15 15:33	EPA 7471B	1,7471B	DB
Nickel, Total	22		mg/kg	2.5	0.40	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Potassium, Total	580		mg/kg	250	40.	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Selenium, Total	3.4		mg/kg	2.0	0.30	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Silver, Total	0.54	J	mg/kg	1.0	0.20	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Sodium, Total	360		mg/kg	200	30.	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	1.0	0.10	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC
Zinc, Total	850		mg/kg	5.0	0.70	2	07/10/15 08:31	07/10/15 22:21	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-29
 Client ID: DP-022-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	10	2.1	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	5.2	0.82	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Arsenic, Total	13		mg/kg	1.0	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Barium, Total	40		mg/kg	1.0	0.31	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Beryllium, Total	0.46	J	mg/kg	0.52	0.10	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Calcium, Total	1600		mg/kg	10	3.1	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	1.0	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Cobalt, Total	6.2		mg/kg	2.1	0.52	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Copper, Total	14		mg/kg	1.0	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Iron, Total	27000		mg/kg	5.2	2.1	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Lead, Total	8.4		mg/kg	5.2	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Magnesium, Total	1100		mg/kg	10	1.0	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Manganese, Total	400		mg/kg	1.0	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:32	EPA 7471B	1,7471B	DB
Nickel, Total	9.1		mg/kg	2.6	0.41	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Potassium, Total	980		mg/kg	260	41.	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.1	0.31	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.0	0.21	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Sodium, Total	90	J	mg/kg	210	31.	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.1	0.41	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Vanadium, Total	39		mg/kg	1.0	0.10	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT
Zinc, Total	32		mg/kg	5.2	0.72	2	07/10/15 10:30	07/10/15 18:33	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-30
Client ID: EB02-070715
Sample Location: Not Specified
Matrix: Water

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Antimony, Total	33.7	J	ug/l	50.0	8.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Arsenic, Total	4.60	J	ug/l	5.00	2.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Barium, Total	ND		ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Calcium, Total	150		ug/l	100	30.	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Chromium, Total	ND		ug/l	10	2.0	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Copper, Total	2.10	J	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Iron, Total	140		ug/l	50.	20.	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Lead, Total	ND		ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Magnesium, Total	26.	J	ug/l	100	10.	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Manganese, Total	ND		ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/10/15 13:33	07/10/15 19:47	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Potassium, Total	ND		ug/l	2500	400	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Selenium, Total	ND		ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Silver, Total	ND		ug/l	7.00	2.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Sodium, Total	ND		ug/l	2000	300	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Thallium, Total	ND		ug/l	20.0	4.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT
Zinc, Total	ND		ug/l	50.0	7.00	1	07/09/15 14:03	07/10/15 20:04	EPA 3005A	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-31
 Client ID: DP-025-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/07/15 13:55
 Date Received: 07/07/15
 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	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Antimony, Total	0.73	J	mg/kg	4.5	0.72	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.89	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Barium, Total	63		mg/kg	0.89	0.27	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Beryllium, Total	0.28	J	mg/kg	0.45	0.09	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.89	0.06	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Calcium, Total	16000		mg/kg	8.9	2.7	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.89	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Cobalt, Total	6.0		mg/kg	1.8	0.45	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Copper, Total	27		mg/kg	0.89	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Iron, Total	15000		mg/kg	4.5	1.8	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Lead, Total	120		mg/kg	4.5	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Magnesium, Total	5700		mg/kg	8.9	0.89	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.89	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Mercury, Total	0.37		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:33	EPA 7471B	1,7471B	DB
Nickel, Total	54		mg/kg	2.2	0.36	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Potassium, Total	700		mg/kg	220	36.	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Sodium, Total	49	J	mg/kg	180	27.	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Vanadium, Total	22		mg/kg	0.89	0.09	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT
Zinc, Total	120		mg/kg	4.5	0.63	2	07/10/15 10:30	07/10/15 18:37	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-32
 Client ID: DP-025-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 68%

Date Collected: 07/07/15 14:00
 Date Received: 07/07/15
 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	12	2.3	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Antimony, Total	22		mg/kg	5.9	0.94	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Arsenic, Total	32		mg/kg	1.2	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Barium, Total	360		mg/kg	1.2	0.35	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.59	0.12	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Cadmium, Total	1.3		mg/kg	1.2	0.08	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Calcium, Total	20000		mg/kg	12	3.5	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Chromium, Total	23		mg/kg	1.2	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Cobalt, Total	9.0		mg/kg	2.3	0.59	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Copper, Total	310		mg/kg	1.2	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Iron, Total	40000		mg/kg	5.9	2.3	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Lead, Total	1500		mg/kg	5.9	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Magnesium, Total	1400		mg/kg	12	1.2	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Manganese, Total	380		mg/kg	1.2	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Mercury, Total	2.8		mg/kg	0.28	0.06	3	07/09/15 08:27	07/10/15 15:48	EPA 7471B	1,7471B	DB
Nickel, Total	27		mg/kg	2.9	0.47	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Potassium, Total	700		mg/kg	290	47.	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Selenium, Total	1.3	J	mg/kg	2.3	0.35	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	1.2	0.23	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Sodium, Total	300		mg/kg	230	35.	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.3	0.47	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Vanadium, Total	31		mg/kg	1.2	0.12	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT
Zinc, Total	890		mg/kg	5.9	0.82	2	07/10/15 10:30	07/10/15 18:41	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-33
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 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	14000		mg/kg	9.6	1.9	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	0.96	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Barium, Total	55		mg/kg	0.96	0.29	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.48	0.10	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Calcium, Total	900		mg/kg	9.6	2.9	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.96	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Cobalt, Total	14		mg/kg	1.9	0.48	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.96	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Iron, Total	26000		mg/kg	4.8	1.9	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Lead, Total	17		mg/kg	4.8	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.6	0.96	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.96	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Mercury, Total	0.07	J	mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:37	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.4	0.38	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Potassium, Total	740		mg/kg	240	38.	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.96	0.19	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Sodium, Total	110	J	mg/kg	190	29.	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Vanadium, Total	36		mg/kg	0.96	0.10	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT
Zinc, Total	45		mg/kg	4.8	0.67	2	07/10/15 10:30	07/10/15 18:44	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-34
 Client ID: DP-024-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/07/15 14:12
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	9.0	1.8	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Antimony, Total	4.0	J	mg/kg	4.5	0.72	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Arsenic, Total	25		mg/kg	0.90	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Barium, Total	390		mg/kg	0.90	0.27	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Beryllium, Total	0.45		mg/kg	0.45	0.09	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Cadmium, Total	0.94		mg/kg	0.90	0.06	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Calcium, Total	16000		mg/kg	9.0	2.7	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.90	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Cobalt, Total	7.2		mg/kg	1.8	0.45	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Copper, Total	190		mg/kg	0.90	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Iron, Total	31000		mg/kg	4.5	1.8	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Lead, Total	1300		mg/kg	4.5	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.0	0.90	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Manganese, Total	290		mg/kg	0.90	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Mercury, Total	14		mg/kg	0.76	0.16	10	07/09/15 08:27	07/10/15 15:50	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.2	0.36	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Potassium, Total	630		mg/kg	220	36.	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Silver, Total	0.61	J	mg/kg	0.90	0.18	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Sodium, Total	220		mg/kg	180	27.	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.90	0.09	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT
Zinc, Total	780		mg/kg	4.5	0.63	2	07/10/15 10:30	07/10/15 19:03	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-35
 Client ID: DP-024-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 84%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6200		mg/kg	9.2	1.8	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Antimony, Total	6.1		mg/kg	4.6	0.74	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Arsenic, Total	31		mg/kg	0.92	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Barium, Total	320		mg/kg	0.92	0.28	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Beryllium, Total	0.49		mg/kg	0.46	0.09	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Cadmium, Total	0.52	J	mg/kg	0.92	0.07	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Calcium, Total	15000		mg/kg	9.2	2.8	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.92	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.8	0.46	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Copper, Total	120		mg/kg	0.92	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Iron, Total	42000		mg/kg	4.6	1.8	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Lead, Total	860		mg/kg	4.6	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Magnesium, Total	1300		mg/kg	9.2	0.92	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Manganese, Total	380		mg/kg	0.92	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Mercury, Total	1.9		mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:41	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.3	0.37	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Potassium, Total	620		mg/kg	230	37.	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Silver, Total	2.4		mg/kg	0.92	0.18	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Sodium, Total	270		mg/kg	180	28.	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Vanadium, Total	24		mg/kg	0.92	0.09	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT
Zinc, Total	810		mg/kg	4.6	0.65	2	07/10/15 10:30	07/10/15 19:07	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-36
 Client ID: DP-026-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/07/15 14:23
 Date Received: 07/07/15
 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	7300		mg/kg	8.6	1.7	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Antimony, Total	2.4	J	mg/kg	4.3	0.69	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.86	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Barium, Total	110		mg/kg	0.86	0.26	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Beryllium, Total	0.48		mg/kg	0.43	0.09	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Cadmium, Total	0.06	J	mg/kg	0.86	0.06	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Calcium, Total	16000		mg/kg	8.6	2.6	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.86	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Cobalt, Total	6.8		mg/kg	1.7	0.43	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Copper, Total	35		mg/kg	0.86	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.3	1.7	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Lead, Total	270		mg/kg	4.3	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	8.6	0.86	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.86	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Mercury, Total	0.56		mg/kg	0.07	0.02	1	07/09/15 08:27	07/10/15 13:43	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	2.2	0.34	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Potassium, Total	680		mg/kg	220	34.	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Sodium, Total	140	J	mg/kg	170	26.	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Vanadium, Total	25		mg/kg	0.86	0.09	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT
Zinc, Total	160		mg/kg	4.3	0.60	2	07/10/15 10:30	07/10/15 19:11	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-37
 Client ID: DP-026-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/07/15 14:25
 Date Received: 07/07/15
 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	10	2.0	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Antimony, Total	20		mg/kg	5.1	0.82	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Arsenic, Total	40		mg/kg	1.0	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Barium, Total	730		mg/kg	1.0	0.31	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Beryllium, Total	0.69		mg/kg	0.51	0.10	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Cadmium, Total	0.40	J	mg/kg	1.0	0.07	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Calcium, Total	28000		mg/kg	10	3.1	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Chromium, Total	37		mg/kg	1.0	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Cobalt, Total	14		mg/kg	2.0	0.51	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Copper, Total	320		mg/kg	1.0	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Iron, Total	52000		mg/kg	5.1	2.0	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Lead, Total	7900		mg/kg	5.1	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Magnesium, Total	1800		mg/kg	10	1.0	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Manganese, Total	570		mg/kg	1.0	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Mercury, Total	12		mg/kg	0.86	0.18	10	07/09/15 08:27	07/10/15 15:52	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.6	0.41	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Potassium, Total	780		mg/kg	260	41.	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.0	0.31	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Silver, Total	3.3		mg/kg	1.0	0.20	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Sodium, Total	560		mg/kg	200	31.	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Vanadium, Total	29		mg/kg	1.0	0.10	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT
Zinc, Total	1100		mg/kg	5.1	0.72	2	07/10/15 10:30	07/10/15 19:15	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-38
 Client ID: DP-026-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 66%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4100		mg/kg	12	2.4	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Antimony, Total	3.3	J	mg/kg	6.0	0.96	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Arsenic, Total	9.7		mg/kg	1.2	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Barium, Total	220		mg/kg	1.2	0.36	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Beryllium, Total	0.37	J	mg/kg	0.60	0.12	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	1.2	0.08	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Calcium, Total	7200		mg/kg	12	3.6	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	1.2	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Cobalt, Total	5.4		mg/kg	2.4	0.60	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Copper, Total	99		mg/kg	1.2	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Iron, Total	44000		mg/kg	6.0	2.4	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Lead, Total	460		mg/kg	6.0	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Magnesium, Total	630		mg/kg	12	1.2	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Manganese, Total	270		mg/kg	1.2	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Mercury, Total	1.0		mg/kg	0.10	0.02	1	07/09/15 08:27	07/10/15 13:50	EPA 7471B	1,7471B	DB
Nickel, Total	8.9		mg/kg	3.0	0.48	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Potassium, Total	470		mg/kg	300	48.	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Selenium, Total	5.2		mg/kg	2.4	0.36	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Silver, Total	0.30	J	mg/kg	1.2	0.24	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Sodium, Total	140	J	mg/kg	240	36.	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	2.4	0.48	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	1.2	0.12	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH
Zinc, Total	670		mg/kg	6.0	0.84	2	07/10/15 12:17	07/10/15 19:51	EPA 3050B	1,6010C	JH



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 09-19 Batch: WG801049-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/09/15 07:39	07/09/15 15:18	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): 20-29,31-38 Batch: WG801050-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/09/15 08:27	07/10/15 13:03	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): 02,30 Batch: WG801195-1									
Aluminum, Total	ND	ug/l	100	20.	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Antimony, Total	ND	ug/l	50.0	8.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Arsenic, Total	3.70 J	ug/l	5.00	2.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Barium, Total	ND	ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Beryllium, Total	ND	ug/l	5.00	1.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Cadmium, Total	ND	ug/l	5.00	0.700	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Calcium, Total	ND	ug/l	100	30.	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Chromium, Total	ND	ug/l	10	2.0	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Cobalt, Total	ND	ug/l	20.0	5.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Copper, Total	ND	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Iron, Total	ND	ug/l	50	20.	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Lead, Total	ND	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Magnesium, Total	ND	ug/l	100	10.	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Manganese, Total	ND	ug/l	10.0	2.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Nickel, Total	ND	ug/l	25.0	4.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Potassium, Total	ND	ug/l	2500	400	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Selenium, Total	ND	ug/l	10.0	3.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Silver, Total	ND	ug/l	7.00	2.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Sodium, Total	ND	ug/l	2000	300	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Thallium, Total	ND	ug/l	20.0	4.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Vanadium, Total	ND	ug/l	10.0	1.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT
Zinc, Total	ND	ug/l	50.0	7.00	1	07/09/15 14:03	07/10/15 19:49	1,6010C	TT

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): 09-28 Batch: WG801468-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Barium, Total	ND	mg/kg	0.40	0.12	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Copper, Total	ND	mg/kg	0.40	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Iron, Total	ND	mg/kg	2.0	0.80	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Potassium, Total	ND	mg/kg	100	16.	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Silver, Total	ND	mg/kg	0.40	0.08	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Sodium, Total	ND	mg/kg	80	12.	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/10/15 08:31	07/10/15 17:48	1,6010C	MC

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

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): 29,31-37 Batch: WG801552-1										
Aluminum, Total	1.2	J	mg/kg	4.0	0.80	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Antimony, Total	0.32	J	mg/kg	2.0	0.32	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Arsenic, Total	0.09	J	mg/kg	0.40	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Copper, Total	ND		mg/kg	0.40	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/10/15 10:30	07/10/15 16:08	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 38 Batch: WG801587-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Barium, Total	ND	mg/kg	0.40	0.12	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Copper, Total	ND	mg/kg	0.40	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Iron, Total	ND	mg/kg	2.0	0.80	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Lead, Total	ND	mg/kg	2.0	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Potassium, Total	ND	mg/kg	100	16.	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Silver, Total	ND	mg/kg	0.40	0.08	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Sodium, Total	ND	mg/kg	80	12.	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/10/15 12:17	07/10/15 19:28	1,6010C	JH
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/10/15 12:17	07/10/15 19:28	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): 02,30 Batch: WG801595-1									
Mercury, Total	ND	ug/l	0.2000	0.0660	1	07/10/15 13:33	07/10/15 19:34	1,7470A	EA



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-19 Batch: WG801049-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 20-29,31-38 Batch: WG801050-2 SRM Lot Number: D088-540								
Mercury, Total	85		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02,30 Batch: WG801195-2					
Aluminum, Total	105	-	80-120	-	
Antimony, Total	81	-	80-120	-	
Arsenic, Total	118	-	80-120	-	
Barium, Total	110	-	80-120	-	
Beryllium, Total	111	-	80-120	-	
Cadmium, Total	122	Q	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	105	-	80-120	-	
Cobalt, Total	108	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	120	-	80-120	-	
Lead, Total	115	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	109	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	121	Q	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	110	-	80-120	-	
Thallium, Total	110	-	80-120	-	
Vanadium, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02,30 Batch: WG801195-2					
Zinc, Total	111	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 Batch: WG801468-2 SRM Lot Number: D088-540					
Aluminum, Total	82	-	48-151	-	
Antimony, Total	168	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	88	-	83-117	-	
Beryllium, Total	96	-	83-117	-	
Cadmium, Total	92	-	83-117	-	
Calcium, Total	90	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	91	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	89	-	81-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	90	-	83-117	-	
Potassium, Total	86	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	96	-	75-124	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	96	-	78-122	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 Batch: WG801468-2 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: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 29,31-37 Batch: WG801552-2 SRM Lot Number: D088-540					
Aluminum, Total	84	-	48-151	-	
Antimony, Total	187	-	1-208	-	
Arsenic, Total	114	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	104	-	83-117	-	
Cadmium, Total	102	-	83-117	-	
Calcium, Total	89	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	102	-	84-115	-	
Copper, Total	106	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	96	-	81-117	-	
Magnesium, Total	84	-	76-124	-	
Manganese, Total	101	-	81-118	-	
Nickel, Total	102	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	108	-	78-122	-	
Silver, Total	103	-	75-124	-	
Sodium, Total	97	-	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: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 29,31-37 Batch: WG801552-2 SRM Lot Number: D088-540					
Zinc, Total	106	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 38 Batch: WG801587-2 SRM Lot Number: D088-540					
Aluminum, Total	82	-	48-151	-	
Antimony, Total	187	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	98	-	83-117	-	
Cadmium, Total	91	-	83-117	-	
Calcium, Total	83	-	81-119	-	
Chromium, Total	89	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	89	-	45-155	-	
Lead, Total	91	-	81-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	91	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	102	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	95	-	72-127	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	90	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 38 Batch: WG801587-2 SRM Lot Number: D088-540					
Zinc, Total	88	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 02,30 Batch: WG801595-2					
Mercury, Total	105	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 09-19 QC Batch ID: WG801049-4 QC Sample: L1515325-21 Client ID: MS Sample												
Mercury, Total	0.79	0.168	1.5	423	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 20-29,31-38 QC Batch ID: WG801050-4 QC Sample: L1515522-20 Client ID: DP-019-SO-100-01												
Mercury, Total	0.11	0.164	0.27	97		-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 02,30 QC Batch ID: WG801195-4 QC Sample: L1515522-30 Client ID: EB02-070715									
Aluminum, Total	ND	2000	2100	105	-	-	75-125	-	20
Antimony, Total	33.7J	500	423	85	-	-	75-125	-	20
Arsenic, Total	4.60J	120	138	115	-	-	75-125	-	20
Barium, Total	ND	2000	2140	107	-	-	75-125	-	20
Beryllium, Total	ND	50	54.1	108	-	-	75-125	-	20
Cadmium, Total	ND	51	59.9	117	-	-	75-125	-	20
Calcium, Total	150	10000	9900	98	-	-	75-125	-	20
Chromium, Total	ND	200	210	105	-	-	75-125	-	20
Cobalt, Total	ND	500	522	104	-	-	75-125	-	20
Copper, Total	2.10J	250	262	105	-	-	75-125	-	20
Iron, Total	140	1000	1100	96	-	-	75-125	-	20
Lead, Total	ND	510	568	111	-	-	75-125	-	20
Magnesium, Total	26.J	10000	10000	100	-	-	75-125	-	20
Manganese, Total	ND	500	532	106	-	-	75-125	-	20
Nickel, Total	ND	500	527	105	-	-	75-125	-	20
Potassium, Total	ND	10000	10000	100	-	-	75-125	-	20
Selenium, Total	ND	120	140	117	-	-	75-125	-	20
Silver, Total	ND	50	53.9	108	-	-	75-125	-	20
Sodium, Total	ND	10000	11000	110	-	-	75-125	-	20
Thallium, Total	ND	120	128	107	-	-	75-125	-	20
Vanadium, Total	ND	500	539	108	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 02,30 QC Batch ID: WG801195-4 QC Sample: L1515522-30 Client ID: EB02-070715									
Zinc, Total	ND	500	535	107	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 09-28 QC Batch ID: WG801468-4 QC Sample: L1515522-09 Client ID: DP-016-SO-010-01									
Aluminum, Total	8300	173	6400	0	Q	-	75-125	-	20
Antimony, Total	ND	43.2	39	90		-	75-125	-	20
Arsenic, Total	4.2	10.4	13	85		-	75-125	-	20
Barium, Total	120	173	220	58	Q	-	75-125	-	20
Beryllium, Total	0.23J	4.32	4.8	111		-	75-125	-	20
Cadmium, Total	0.24J	4.41	4.8	109		-	75-125	-	20
Calcium, Total	16000	865	7800	0	Q	-	75-125	-	20
Chromium, Total	22.	17.3	37	87		-	75-125	-	20
Cobalt, Total	5.3	43.2	47	96		-	75-125	-	20
Copper, Total	30.	21.6	52	102		-	75-125	-	20
Iron, Total	24000	86.5	15000	0	Q	-	75-125	-	20
Lead, Total	260	44.1	170	0	Q	-	75-125	-	20
Magnesium, Total	1800	865	4700	335	Q	-	75-125	-	20
Manganese, Total	160	43.2	180	46	Q	-	75-125	-	20
Nickel, Total	25.	43.2	80	127	Q	-	75-125	-	20
Potassium, Total	590	865	1200	70	Q	-	75-125	-	20
Selenium, Total	0.62J	10.4	10	96		-	75-125	-	20
Silver, Total	ND	26	27	104		-	75-125	-	20
Sodium, Total	980	865	1500	60	Q	-	75-125	-	20
Thallium, Total	ND	10.4	9.6	92		-	75-125	-	20
Vanadium, Total	31.	43.2	63	74	Q	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 09-28 QC Batch ID: WG801468-4 QC Sample: L1515522-09 Client ID: DP-016-SO-010-01									
Zinc, Total	170	43.2	160	0	Q	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 29,31-37 QC Batch ID: WG801552-4 QC Sample: L1514419-01 Client ID: MS Sample									
Aluminum, Total	9200	198	11000	910	Q	-	75-125	-	20
Antimony, Total	ND	49.4	41	83		-	75-125	-	20
Arsenic, Total	8.3	11.9	16	65	Q	-	75-125	-	20
Barium, Total	200	198	340	71	Q	-	75-125	-	20
Beryllium, Total	0.52	4.94	4.8	86		-	75-125	-	20
Cadmium, Total	ND	5.04	4.4	87		-	75-125	-	20
Calcium, Total	1800	989	2800	101		-	75-125	-	20
Chromium, Total	17.	19.8	35	91		-	75-125	-	20
Cobalt, Total	4.0	49.4	43	79		-	75-125	-	20
Copper, Total	8.1	24.7	30	88		-	75-125	-	20
Iron, Total	17000	98.9	13000	0	Q	-	75-125	-	20
Lead, Total	9.0	50.4	48	77		-	75-125	-	20
Magnesium, Total	1400	989	2200	81		-	75-125	-	20
Manganese, Total	280	49.4	580	607	Q	-	75-125	-	20
Nickel, Total	9.1	49.4	49	81		-	75-125	-	20
Potassium, Total	500	989	1400	91		-	75-125	-	20
Selenium, Total	ND	11.9	9.7	82		-	75-125	-	20
Silver, Total	ND	29.7	26	88		-	75-125	-	20
Sodium, Total	43.J	989	880	89		-	75-125	-	20
Thallium, Total	ND	11.9	8.8	74	Q	-	75-125	-	20
Vanadium, Total	27.	49.4	69	85		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 29,31-37 QC Batch ID: WG801552-4 QC Sample: L1514419-01 Client ID: MS Sample									
Zinc, Total	23.	49.4	64	83	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 38 QC Batch ID: WG801587-4 QC Sample: L1515706-01 Client ID: MS Sample									
Aluminum, Total	7400	180	8600	667	Q	-	75-125	-	20
Antimony, Total	ND	45	32	71	Q	-	75-125	-	20
Arsenic, Total	3.4	10.8	12	80		-	75-125	-	20
Barium, Total	88.	180	190	57	Q	-	75-125	-	20
Beryllium, Total	0.37	4.5	3.6	72	Q	-	75-125	-	20
Cadmium, Total	ND	4.59	2.5	54	Q	-	75-125	-	20
Calcium, Total	46000	900	42000	0	Q	-	75-125	-	20
Chromium, Total	9.4	18	21	64	Q	-	75-125	-	20
Cobalt, Total	5.8	45	33	60	Q	-	75-125	-	20
Copper, Total	17.	22.5	33	71	Q	-	75-125	-	20
Iron, Total	13000	90	13000	0	Q	-	75-125	-	20
Lead, Total	12.	45.9	40	61	Q	-	75-125	-	20
Magnesium, Total	14000	900	14000	0	Q	-	75-125	-	20
Manganese, Total	390	45	400	22	Q	-	75-125	-	20
Nickel, Total	11.	45	38	60	Q	-	75-125	-	20
Potassium, Total	1400	900	2400	111		-	75-125	-	20
Selenium, Total	ND	10.8	8.0	74	Q	-	75-125	-	20
Silver, Total	ND	27	22	81		-	75-125	-	20
Sodium, Total	290	900	1000	79		-	75-125	-	20
Thallium, Total	ND	10.8	5.4	50	Q	-	75-125	-	20
Vanadium, Total	13.	45	43	67	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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): 38 QC Batch ID: WG801587-4 QC Sample: L1515706-01 Client ID: MS Sample									
Zinc, Total	41.	45	66	56	Q	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 02,30 QC Batch ID: WG801595-4 QC Sample: L1515522-02 Client ID: EB01-070715									
Mercury, Total	ND	5	5.137	103	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-19 QC Batch ID: WG801049-3 QC Sample: L1515325-21 Client ID: DUP Sample						
Mercury, Total	0.79	1.1	mg/kg	33	Q	20
Total Metals - Westborough Lab Associated sample(s): 20-29,31-38 QC Batch ID: WG801050-3 QC Sample: L1515522-20 Client ID: DP-019-SO-100-01						
Mercury, Total	0.11	0.12	mg/kg	9		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02,30 QC Batch ID: WG801195-3 QC Sample: L1515522-30 Client ID: EB02-070715					
Aluminum, Total	ND	ND	ug/l	NC	20
Antimony, Total	33.7J	13.1J	ug/l	NC	20
Arsenic, Total	4.60J	4.30J	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	150	120	ug/l	22 Q	20
Chromium, Total	ND	ND	ug/l	NC	20
Cobalt, Total	ND	ND	ug/l	NC	20
Copper, Total	2.10J	2.50J	ug/l	NC	20
Iron, Total	140	110	ug/l	24 Q	20
Lead, Total	ND	ND	ug/l	NC	20
Magnesium, Total	26.J	20.J	ug/l	NC	20
Manganese, Total	ND	ND	ug/l	NC	20
Nickel, Total	ND	ND	ug/l	NC	20
Potassium, Total	ND	ND	ug/l	NC	20
Selenium, Total	ND	ND	ug/l	NC	20
Silver, Total	ND	ND	ug/l	NC	20
Sodium, Total	ND	ND	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02,30 QC Batch ID: WG801195-3 QC Sample: L1515522-30 Client ID: EB02-070715					
Thallium, Total	ND	ND	ug/l	NC	20
Vanadium, Total	ND	ND	ug/l	NC	20
Zinc, Total	ND	ND	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG801468-3 QC Sample: L1515522-09 Client ID: DP-016-SO-010-01					
Aluminum, Total	8300	7200	mg/kg	14	20
Antimony, Total	ND	1.3J	mg/kg	NC	20
Arsenic, Total	4.2	3.9	mg/kg	7	20
Barium, Total	120	100	mg/kg	18	20
Beryllium, Total	0.23J	0.30J	mg/kg	NC	20
Cadmium, Total	0.24J	0.18J	mg/kg	NC	20
Calcium, Total	16000	9900	mg/kg	47	Q 20
Chromium, Total	22.	20	mg/kg	10	20
Cobalt, Total	5.3	4.3	mg/kg	21	Q 20
Copper, Total	30.	80	mg/kg	91	Q 20
Iron, Total	24000	21000	mg/kg	13	20
Lead, Total	260	330	mg/kg	24	Q 20
Magnesium, Total	1800	990	mg/kg	58	Q 20
Manganese, Total	160	180	mg/kg	12	20
Nickel, Total	25.	10	mg/kg	86	Q 20
Potassium, Total	590	530	mg/kg	11	20
Selenium, Total	0.62J	0.45J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	980	790	mg/kg	21	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 09-28 QC Batch ID: WG801468-3 QC Sample: L1515522-09 Client ID: DP-016-SO-010-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	31.	27	mg/kg	14	20
Zinc, Total	170	250	mg/kg	38 Q	20
Total Metals - Westborough Lab Associated sample(s): 29,31-37 QC Batch ID: WG801552-3 QC Sample: L1514419-01 Client ID: DUP Sample					
Beryllium, Total	0.52	0.60	mg/kg	14	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Lead, Total	9.0	6.5	mg/kg	32 Q	20
Nickel, Total	9.1	9.2	mg/kg	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 38 QC Batch ID: WG801587-3 QC Sample: L1515706-01 Client ID: DUP Sample					
Arsenic, Total	3.4	5.0	mg/kg	38	Q 20
Barium, Total	88.	74	mg/kg	17	20
Beryllium, Total	0.37	0.80	mg/kg	74	Q 20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	9.4	9.1	mg/kg	3	20
Copper, Total	17.	40	mg/kg	81	Q 20
Lead, Total	12.	43	mg/kg	113	Q 20
Manganese, Total	390	330	mg/kg	17	20
Nickel, Total	11.	11	mg/kg	0	20
Selenium, Total	ND	0.25J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Zinc, Total	41.	64	mg/kg	44	Q 20
Total Metals - Westborough Lab Associated sample(s): 02,30 QC Batch ID: WG801595-3 QC Sample: L1515522-02 Client ID: EB01-070715					
Mercury, Total	ND	ND	ug/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-03
 Client ID: DP-014-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-04
 Client ID: DP-014-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 08:35
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-05
 Client ID: DP-014-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 08:50
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-06
 Client ID: DP-015-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-07
 Client ID: DP-015-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-08
 Client ID: DP-015-SO-150-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-09
 Client ID: DP-016-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 09:50
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-10
 Client ID: DP-016-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.4		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-11
 Client ID: DP-016-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-12
 Client ID: DP-017-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-13
 Client ID: DP-017-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 10:18
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-14
 Client ID: DP-017-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 10:20
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-15
 Client ID: DP-018-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 10:35
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-16
 Client ID: DP-018-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 10:40
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-17
 Client ID: DP-018-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 10:45
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-18
 Client ID: DP-019-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-19
 Client ID: DP-019-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 11:18
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-20
 Client ID: DP-019-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 11:23
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-21
 Client ID: DP-020-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 11:55
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-22
 Client ID: DP-020-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 11:57
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:00	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-23
 Client ID: DP-021-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-24
 Client ID: DP-021-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:05
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-25
 Client ID: DP-021-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:07
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-26
 Client ID: DP-021-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-27
 Client ID: DP-022-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:42
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-28
 Client ID: DP-022-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:45
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-29
 Client ID: DP-022-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-31
 Client ID: DP-025-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 13:55
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-32
 Client ID: DP-025-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:00
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.5		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-33
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-34
 Client ID: DP-024-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:12
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-35
 Client ID: DP-024-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:15
 Date Received: 07/07/15
 Field 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	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-36
 Client ID: DP-026-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:23
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-37
 Client ID: DP-026-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:25
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.4		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515522-38
 Client ID: DP-026-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.7		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-22 QC Batch ID: WG800992-1 QC Sample: L1515522-03 Client ID: DP-014-SO-010-01						
Solids, Total	90.0	91.3	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 23-29,31-38 QC Batch ID: WG800997-1 QC Sample: L1515477-01 Client ID: DUP Sample						
Solids, Total	88.6	89.1	%	1		20

Project Name: BUZZARD POINT

Lab Number: L1515522

Project Number: 40223-002

Report Date: 07/17/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-01A	Vial HCl preserved	D	N/A	5.0	Y	Absent	PA-8260(14)
L1515522-01B	Vial HCl preserved	D	N/A	5.0	Y	Absent	PA-8260(14)
L1515522-02A	Vial HCl preserved	A	N/A	4.6	Y	Absent	PA-8260(14)
L1515522-02B	Vial HCl preserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515522-02C	Vial HCl preserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515522-02D	Plastic 250ml HNO3 preserved	C	<2	3.9	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),V-TI-PPB(180),K-TI-PPB(180),NA-TI-PPB(180),SB-TI-PPB(180),ZN-TI-PPB(180),AG-TI-PPB(180),FE-TI-PPB(180),PB-TI-PPB(180),TL-TI-PPB(180),BE-TI-PPB(180),CR-TI-PPB(180),MN-TI-PPB(180),NI-TI-PPB(180)
L1515522-02E	Amber 1000ml unpreserved	B	7	3.8	Y	Absent	PA-TPH-DROD-C44(7)
L1515522-02F	Amber 1000ml unpreserved	B	7	3.8	Y	Absent	PA-8270(7)
L1515522-03A	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-03B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-03B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-04A	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-04B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-04B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-05A	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-05B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-05B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-06A	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-06B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-06B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-07A	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-07B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-07B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-08A	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515522-08B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-08B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-09A	Glass 250ml/8oz unpreserved	D	N/A	5.0	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)
L1515522-09B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-09B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-10A	Glass 250ml/8oz unpreserved	D	N/A	5.0	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)
L1515522-10B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-10B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-11A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-11B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-11B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-12A	Glass 250ml/8oz unpreserved	D	N/A	5.0	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)
L1515522-12B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-12B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-13A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-13B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-13B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-14A	Glass 250ml/8oz unpreserved	D	N/A	5.0	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)
L1515522-14B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-14B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-15A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-15B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-15B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-16A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-16B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-16B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-17A	Glass 250ml/8oz unpreserved	D	N/A	5.0	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)
L1515522-17B	Glass 250ml/8oz unpreserved	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-17B9	Vial MeOH preserved split	D	N/A	5.0	Y	Absent	PA-TPH-GRO(14)
L1515522-18A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-18B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-18B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-19A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-19B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-19B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-20A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-20B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-20B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-21A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-21B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-21B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)
L1515522-22A	Glass 250ml/8oz unpreserved	A	N/A	4.6	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)
L1515522-22B	Glass 250ml/8oz unpreserved	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-22B9	Vial MeOH preserved split	A	N/A	4.6	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-23A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-23B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-23B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-24A	Glass 250ml/8oz unpreserved	C	N/A	3.9	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)
L1515522-24A9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-25A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-25B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-25B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-26A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-26B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-26B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-27A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-27B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-27B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-28A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-28B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-28B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-29A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-29B	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-29B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515522-30A	Vial HCl preserved	B	N/A	3.8	Y	Absent	PA-8260(14)
L1515522-30B	Vial HCl preserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515522-30C	Vial HCl preserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515522-30D	Plastic 250ml HNO3 preserved	C	<2	3.9	Y	Absent	CU-TI-PPB(180),CA-TI-PPB(180),HG-T-PPB(28),AL-TI-PPB(180),AS-TI-PPB(180),BA-TI-PPB(180),CO-TI-PPB(180),MG-TI-PPB(180),SE-TI-PPB(180),CD-TI-PPB(180),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)
L1515522-30F	Amber 1000ml unpreserved	B	7	3.8	Y	Absent	PA-TPH-DROD-C44(7)
L1515522-30G	Amber 1000ml unpreserved	A	7	4.6	Y	Absent	PA-8270(7)
L1515522-31A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-31B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-31B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-32A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-32B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-32B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-33A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-33B	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-33B9	Vial MeOH preserved split	C	N/A	3.9	Y	Absent	PA-TPH-GRO(14)
L1515522-34A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-34B	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-34B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-35A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-35B	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-35B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515522-36A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-36B	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-36B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)
L1515522-37A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-37B	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-37B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515522

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515522-38A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)
L1515522-38B	Vial Large Septa unpreserved (4o	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515522-38B9	Vial MeOH preserved split	B	N/A	3.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515522
Report Date: 07/17/15

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: L1515522
Report Date: 07/17/15

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: L1515522
Report Date: 07/17/15

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 31 OF 4



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

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

Date Rec'd in Lab: 7/8/15

ALPHA Job #: L1515322

Project Information

Project Name:

Project Location:

Project # 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax: _____

Email: kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
 TAL Metals (EPA 6010)
 TPH C6-C14 (EPA 8015)
 PAH (EPA 8270C)
 VOCs (EPA 8260B)

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
		Date	Time			TAL Metals (EPA 6010)	TPH C6-C14 (EPA 8015)	PAH (EPA 8270C)	VOCs (EPA 8260B)	
15522 01	TB01-070715	7/7/15	0800	W	T.N.				X	
02	EB01-070715		1320	W		X	X	X	X	
03	DP-014-50-010-01		0825	SO			X	X		
04	DP-014-50-100-01		0835				X	X		
05	DP-014-50-150-01		0850				X	X		
06	DP-015-50-010-01		0910				X	X		
07	DP-015-50-100-01		0917				X	X		
08	DP-015-50-150-01		0930				X	X		
09	DP-016-50-010-01		0950			X	X	X		
10	DP-016-50-050-01		0955			X	X	X		

Container Type

Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/7/15 1430	<i>[Signature]</i>	7/7/15 14:30
<i>[Signature]</i>	7/7/15 1730	<i>[Signature]</i>	7/7/15 17:30
<i>[Signature]</i>	7-8-15 1045	<i>[Signature]</i>	7-8-15 1045
<i>[Signature]</i>	7-8-15 1050	<i>[Signature]</i>	7/8/15 1050



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

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

CHAIN OF CUSTODY

PAGE 2 OF 4

Serial_No:07171515:00

Date Rec'd in Lab: 7/8/15

ALPHA Job #: L1515522

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

ANALYSIS	TAL Metals (EPA 6010)	TOTAL # BOTTLES
	TPH C6-C14 (EPA 8015)	
	PAH (EPA 8270C)	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do Preservation

Lab to do

(Please specify below)

Sample Specific Comments

Client Information

Client: Halcyon Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122
Fax:
Email: dkernard@halcyonaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments
		Date	Time			TAL Metals	TPH	PAH	
<u>15372</u>	<u>-11 DP-016-50-100-01</u>	<u>7/7/15</u>	<u>1000</u>	<u>SO</u>	<u>T.N.</u>	<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-12 DP-017-50-010-01</u>		<u>1015</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-13 DP-017-50-050-01</u>		<u>1018</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-14 DP-017-50-100-01</u>		<u>1020</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>75 DP-018-50-010-01</u>		<u>1035</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>76 DP-018-50-050-01</u>		<u>1040</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-17 DP-018-50-100-01</u>		<u>1045</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-18 DP-019-50-010-01</u>		<u>1115</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-19 DP-019-50-050-01</u>		<u>1118</u>			<u>X</u>	<u>X</u>	<u>X</u>	
	<u>-20 DP-019-50-100-01</u>		<u>1123</u>			<u>X</u>	<u>X</u>	<u>X</u>	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/7/15 14:30</u>	<u>[Signature]</u>	<u>7/7/15 19:30</u>
<u>[Signature]</u>	<u>7/8-15 1045</u>	<u>[Signature]</u>	<u>7/8-15 17:30</u>
<u>[Signature]</u>	<u>7-8-15 1050</u>	<u>[Signature]</u>	<u>7-8-15 1050</u>



CHAIN OF CUSTODY

PAGE 3 OF 4

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

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

Date Rec'd in Lab: 7/8/15

ALPHA Job #: L1575522

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Client Information

Client: Haley Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL Metals (EPA 6010)
TPH C6-C14 (EPA 8015)
PAH (EPA 8270C)
VOCs (EPA 8260B)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Lab to do

(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS						Sample Specific Comments	
		Date	Time			TAL Metals (EPA 6010)	TPH C6-C14 (EPA 8015)	PAH (EPA 8270C)	VOCs (EPA 8260B)				
15522 -21	DP-020-50-010-01	7/7/15	1155	SO	T.N.	X	X	X					
-22	DP-020-50-050-01		1157			X	X	X					
-23	DP-021-50-010-01		1305			X	X	X					
-24	DP-021-50-010-02		1305			X	X	X					
-25	DP-021-50-050-01		1307			X	X	X					
-26	DP-021-50-100-01		1315			X	X	X					
-27	DP-022-50-010-01		1342			X	X	X					
-28	DP-022-50-050-01		1345			X	X	X					
-29	DP-022-50-100-01		1350	✓		X	X	X					
-30	EBO2-070715		1415	W	✓	X	X	X	X				

Container Type

Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/7/15 1430	<i>[Signature]</i>	7/2/15 1820
<i>[Signature]</i>	7/2/15	<i>[Signature]</i>	7/7/15 17:30
<i>[Signature]</i>	7-8-15 1045	<i>[Signature]</i>	7-8-15 1045
<i>[Signature]</i>	7-8-15 1050	<i>[Signature]</i>	7/8/15 1050

CHAIN OF CUSTODY

PAGE 4 OF 4



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

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

Date Rec'd in Lab: 7/8/15

ALPHA Job #: L1575522

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122

Fax: _____

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

THL Metals (EPA 6010)
TPH (6-C-44) (EPA 8015)
PAH (EPA 8270 C)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments
		Date	Time			THL Metals (EPA 6010)	TPH (6-C-44) (EPA 8015)	PAH (EPA 8270 C)	
<u>15322 -31</u>	<u>DP-025-50-010-01</u>	<u>7/7/15</u>	<u>1355</u>	<u>850</u>	<u>T.N</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>-32</u>	<u>DP-025-50-050-01</u>		<u>1400</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-33</u>	<u>DP-025-50-100-01</u>		<u>1405</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-34</u>	<u>DP-024-50-010-01</u>		<u>1412</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-35</u>	<u>DP-024-50-050-01</u>		<u>1415</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-36</u>	<u>DP-026-50-010-01</u>		<u>1423</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-37</u>	<u>DP-026-50-050-01</u>		<u>1425</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>-38</u>	<u>DP-026-50-100-01</u>		<u>1430</u>			<u>X</u>	<u>X</u>	<u>X</u>	
						<u>X</u>	<u>X</u>	<u>X</u>	<u>TV</u>

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/7/15 1430</u>	<u>[Signature]</u>	<u>7/7/15 1430</u>
<u>[Signature]</u>	<u>7/2/15</u>	<u>[Signature]</u>	<u>7/7/15 17:30</u>
<u>[Signature]</u>	<u>7-8-15 1045</u>	<u>[Signature]</u>	<u>7-8-15 1045</u>
<u>[Signature]</u>	<u>7-8-15 1650</u>	<u>[Signature]</u>	<u>7/8/15 050</u>

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



ANALYTICAL REPORT

Lab Number:	L1515600
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:	07/17/15

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515600-01	TB01-070815	WATER	Not Specified	07/08/15 08:00	07/08/15
L1515600-02	EB01-070815	WATER	Not Specified	07/08/15 11:05	07/08/15
L1515600-03	DP-024-SO-100-01	SOIL	Not Specified	07/08/15 08:05	07/08/15
L1515600-04	DP-024-SO-100-02	SOIL	Not Specified	07/08/15 08:05	07/08/15
L1515600-05	DP-023-SO-010-01	SOIL	Not Specified	07/08/15 08:13	07/08/15
L1515600-06	DP-023-SO-050-01	SOIL	Not Specified	07/08/15 08:15	07/08/15
L1515600-07	DP-023-SO-100-01	SOIL	Not Specified	07/08/15 08:18	07/08/15
L1515600-08	DP-026-SO-125-01	SOIL	Not Specified	07/08/15 08:55	07/08/15
L1515600-09	DP-027-SO-010-01	SOIL	Not Specified	07/08/15 09:15	07/08/15
L1515600-10	DP-027-SO-080-01	SOIL	Not Specified	07/08/15 09:18	07/08/15
L1515600-11	DP-027-SO-115-01	SOIL	Not Specified	07/08/15 09:30	07/08/15
L1515600-12	DP-028-SO-010-01	SOIL	Not Specified	07/08/15 09:50	07/08/15
L1515600-13	DP-028-SO-010-02	SOIL	Not Specified	07/08/15 09:50	07/08/15
L1515600-14	DP-028-SO-095-01	SOIL	Not Specified	07/08/15 09:55	07/08/15
L1515600-15	DP-028-SO-110-01	SOIL	Not Specified	07/08/15 10:05	07/08/15
L1515600-16	DP-030-SO-010-01	SOIL	Not Specified	07/08/15 10:33	07/08/15
L1515600-17	DP-030-SO-100-01	SOIL	Not Specified	07/08/15 10:40	07/08/15
L1515600-18	DP-030-SO-125-01	SOIL	Not Specified	07/08/15 10:45	07/08/15
L1515600-19	DP-029-SO-010-01	SOIL	Not Specified	07/08/15 12:00	07/08/15
L1515600-20	DP-029-SO-090-01	SOIL	Not Specified	07/08/15 12:05	07/08/15
L1515600-21	DP-029-SO-105-01	SOIL	Not Specified	07/08/15 12:15	07/08/15
L1515600-22	DP-031-SO-010-01	SOIL	Not Specified	07/08/15 12:30	07/08/15
L1515600-23	DP-031-SO-100-01	SOIL	Not Specified	07/08/15 12:35	07/08/15
L1515600-24	DP-031-SO-110-01	SOIL	Not Specified	07/08/15 12:45	07/08/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515600-25	DP-031-SO-110-02	SOIL	Not Specified	07/08/15 12:45	07/08/15
L1515600-26	DP-032-SO-010-01	SOIL	Not Specified	07/08/15 13:10	07/08/15
L1515600-27	DP-032-SO-105-01	SOIL	Not Specified	07/08/15 13:35	07/08/15
L1515600-28	DP-032-SO-110-01	SOIL	Not Specified	07/08/15 13:40	07/08/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: L1515600
Report Date: 07/17/15

Case Narrative (continued)

Report Submission

This final report replaces the partial report issued July 15, 2015, and included 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

L1515600-14, -17, and -22: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

L1515600-10 and -14: The surrogate recoveries are below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

WG801472: An LCSD was performed in lieu of a Laboratory Duplicate due to insufficient sample volume available for analysis.

Gasoline Range Organics

L1515600-02: A laboratory duplicate and matrix spike could not be performed due to the matrix submitted for analysis.

Metals

L1515600-03 through -28 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG801675-4 MS recoveries for aluminum (2260%), iron (6030%) and manganese (261%), performed on L1515600-03, do not apply because the sample concentration is greater than four times the spike amount added.

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Case Narrative (continued)

The WG801675-4 MS recoveries, performed on L1515600-03, are outside the acceptance criteria for antimony (72%), calcium (0%) and lead (45%). A post digestion spike was performed and was within acceptance criteria.

The WG801798-4 MS recovery, performed on L1515600-03, is outside the acceptance criteria for mercury (172%). A post digestion spike was performed and was within acceptance criteria.

The WG801801-4 MS recoveries, performed on L1515600-07, are outside the acceptance criteria for aluminum (1580%) and iron (1980%) and manganese (0%). A post digestion spike was performed and yielded unacceptable recoveries for aluminum (0%), iron (0%) and manganese (40%). This has been attributed to sample matrix.

The WG801675-3 Laboratory Duplicate RPDs, performed on L1515600-03, are outside the acceptance criteria for aluminum (26%), barium (25%), calcium (33%), cobalt (50%), lead (55%), magnesium (21%) and potassium (23%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

The WG801801-3 Laboratory Duplicate RPDs, performed on L1515600-07, are outside the acceptance criteria for arsenic (49%), cobalt (51%), lead (49%) and manganese (31%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

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

Authorized Signature:

 Lisa Westerlind

Title: Technical Director/Representative

Date: 07/17/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-01
 Client ID: TB01-070815
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/10/15 12:52
 Analyst: PD

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

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-01
Client ID: TB01-070815
Sample Location: Not Specified

Date Collected: 07/08/15 08:00
Date Received: 07/08/15
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	109		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
 Client ID: EB01-070815
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/10/15 13:22
 Analyst: PD

Date Collected: 07/08/15 11:05
 Date Received: 07/08/15
 Field Prep: Not Specified

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
Client ID: EB01-070815
Sample Location: Not Specified

Date Collected: 07/08/15 11:05
Date Received: 07/08/15
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	110		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801667-3					
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: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801667-3					
1,4-Dioxane	ND		ug/l	250	41.
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Toluene	ND		ug/l	0.75	0.16
Tetrachloroethene	ND		ug/l	0.50	0.18
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,2-Dibromoethane	ND		ug/l	2.0	0.19
2-Hexanone	ND		ug/l	5.0	0.52
Chlorobenzene	ND		ug/l	0.50	0.18
Ethylbenzene	ND		ug/l	0.50	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.33
Xylene (Total)	ND		ug/l	1.0	0.33
Styrene	ND		ug/l	1.0	0.36
Bromoform	ND		ug/l	2.0	0.25
Isopropylbenzene	ND		ug/l	0.50	0.19
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.17
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
Naphthalene	ND		ug/l	2.5	0.22
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG801667-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

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: WG801667-1 WG801667-2								
Dichlorodifluoromethane	122		115		36-147	6		20
Chloromethane	71		70		64-130	1		20
Vinyl chloride	98		95		55-140	3		20
Bromomethane	104		106		39-139	2		20
Chloroethane	124		118		55-138	5		20
Trichlorofluoromethane	133		131		62-150	2		20
1,1-Dichloroethene	104		104		61-145	0		20
Carbon disulfide	99		96		51-130	3		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	109		108		70-130	1		20
Methylene chloride	102		102		70-130	0		20
Acetone	95		100		58-148	5		20
trans-1,2-Dichloroethene	103		101		70-130	2		20
Methyl Acetate	69	Q	75		70-130	8		20
Methyl tert butyl ether	91		96		63-130	5		20
1,1-Dichloroethane	100		99		70-130	1		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Cyclohexane	85		84		70-130	1		20
Bromochloromethane	104		106		70-130	2		20
Chloroform	106		106		70-130	0		20
Carbon tetrachloride	117		117		63-132	0		20
1,1,1-Trichloroethane	107		106		67-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

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: WG801667-1 WG801667-2								
2-Butanone	79		86		63-138	8		20
Benzene	102		101		70-130	1		20
1,2-Dichloroethane	98		100		70-130	2		20
Methyl cyclohexane	105		103		70-130	2		20
Trichloroethene	106		104		70-130	2		20
1,2-Dichloropropane	94		94		70-130	0		20
Bromodichloromethane	104		102		67-130	2		20
1,4-Dioxane	130		132		56-162	2		20
cis-1,3-Dichloropropene	101		101		70-130	0		20
Toluene	111		108		70-130	3		20
Tetrachloroethene	108		106		70-130	2		20
4-Methyl-2-pentanone	68		77		59-130	12		20
trans-1,3-Dichloropropene	104		104		70-130	0		20
1,1,2-Trichloroethane	102		107		70-130	5		20
Dibromochloromethane	108		108		63-130	0		20
1,2-Dibromoethane	100		103		70-130	3		20
2-Hexanone	69		75		57-130	8		20
Chlorobenzene	107		105		75-130	2		20
Ethylbenzene	110		107		70-130	3		20
p/m-Xylene	111		108		70-130	3		20
o-Xylene	110		107		70-130	3		20

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: WG801667-1 WG801667-2								
Styrene	111		109		70-130	2		20
Bromoform	101		106		54-136	5		20
Isopropylbenzene	107		107		70-130	0		20
1,1,2,2-Tetrachloroethane	99		105		67-130	6		20
1,3,5-Trimethylbenzene	111		110		64-130	1		20
1,2,4-Trimethylbenzene	111		109		70-130	2		20
1,3-Dichlorobenzene	104		102		70-130	2		20
1,4-Dichlorobenzene	103		102		70-130	1		20
1,2-Dichlorobenzene	103		102		70-130	1		20
1,2-Dibromo-3-chloropropane	99		102		41-144	3		20
1,2,4-Trichlorobenzene	95		98		70-130	3		20
Naphthalene	81		87		70-130	7		20
1,2,3-Trichlorobenzene	93		97		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		105		70-130
Toluene-d8	109		109		70-130
4-Bromofluorobenzene	106		108		70-130
Dibromofluoromethane	102		104		70-130

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
 Client ID: EB01-070815
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 22:40
 Analyst: AS

Date Collected: 07/08/15 11:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/10/15 03:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		ug/l	2.2	0.37	1
2-Methylnaphthalene	ND		ug/l	2.2	0.40	1
2-Chloronaphthalene	ND		ug/l	2.2	0.51	1
Acenaphthylene	ND		ug/l	2.2	0.42	1
Acenaphthene	ND		ug/l	2.2	0.32	1
Fluorene	ND		ug/l	2.2	0.36	1
Phenanthrene	ND		ug/l	2.2	0.26	1
Anthracene	ND		ug/l	2.2	0.22	1
Fluoranthene	ND		ug/l	2.2	0.45	1
Pyrene	ND		ug/l	2.2	0.59	1
Benzo(a)anthracene	ND		ug/l	2.2	0.36	1
Chrysene	ND		ug/l	2.2	0.34	1
Benzo(b)fluoranthene	ND		ug/l	2.2	0.42	1
Benzo(k)fluoranthene	ND		ug/l	2.2	0.34	1
Benzo(a)pyrene	ND		ug/l	2.2	0.74	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.2	0.49	1
Dibenzo(a,h)anthracene	ND		ug/l	2.2	0.49	1
Benzo(ghi)perylene	ND		ug/l	2.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	73		15-120
4-Terphenyl-d14	81		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-03
 Client ID: DP-024-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 23:06
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	0.054	J	mg/kg	0.12	0.038	1
Pyrene	0.046	J	mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-04
 Client ID: DP-024-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 23:32
 Analyst: AS
 Percent Solids: 80%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	96		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-05
 Client ID: DP-023-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/13/15 23:58
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/08/15 08:13
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	0.17		mg/kg	0.14	0.034	1
Acenaphthene	0.055	J	mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	1.2		mg/kg	0.11	0.035	1
Anthracene	0.34		mg/kg	0.11	0.030	1
Fluoranthene	3.6		mg/kg	0.11	0.033	1
Pyrene	3.4		mg/kg	0.11	0.035	1
Benzo(a)anthracene	2.2		mg/kg	0.11	0.035	1
Chrysene	1.8		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	2.8		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.93		mg/kg	0.11	0.034	1
Benzo(a)pyrene	2.1		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	1.6		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.36		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	1.4		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-06
 Client ID: DP-023-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 00:24
 Analyst: AS
 Percent Solids: 86%

Date Collected: 07/08/15 08:15
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	0.18		mg/kg	0.12	0.038	1
Anthracene	0.055	J	mg/kg	0.12	0.032	1
Fluoranthene	0.34		mg/kg	0.12	0.036	1
Pyrene	0.30		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.20		mg/kg	0.12	0.038	1
Chrysene	0.18		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.18		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.079	J	mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.15	J	mg/kg	0.16	0.047	1
Indeno(1,2,3-cd)pyrene	0.099	J	mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.081	J	mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-07
 Client ID: DP-023-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 00:49
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/08/15 08:18
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.068	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.042	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	92		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-08
 Client ID: DP-026-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 01:15
 Analyst: AS
 Percent Solids: 81%

Date Collected: 07/08/15 08:55
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	104		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-09
 Client ID: DP-027-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 01:40
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/08/15 09:15
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.038	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	0.30		mg/kg	0.11	0.036	1
Anthracene	0.089	J	mg/kg	0.11	0.030	1
Fluoranthene	0.83		mg/kg	0.11	0.033	1
Pyrene	0.75		mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.43		mg/kg	0.11	0.036	1
Chrysene	0.39		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.48		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.17		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.38		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	0.27		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	0.060	J	mg/kg	0.11	0.035	1
Benzo(ghi)perylene	0.23		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	53		30-120
4-Terphenyl-d14	49		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-10
 Client ID: DP-027-SO-080-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 02:06
 Analyst: AS
 Percent Solids: 69%

Date Collected: 07/08/15 09:18
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.49		mg/kg	0.24	0.079	1
2-Methylnaphthalene	0.081	J	mg/kg	0.29	0.076	1
2-Chloronaphthalene	ND		mg/kg	0.24	0.078	1
Acenaphthylene	0.050	J	mg/kg	0.19	0.045	1
Acenaphthene	0.20		mg/kg	0.19	0.049	1
Fluorene	0.25		mg/kg	0.24	0.068	1
Phenanthrene	1.7		mg/kg	0.14	0.047	1
Anthracene	0.43		mg/kg	0.14	0.040	1
Fluoranthene	1.9		mg/kg	0.14	0.044	1
Pyrene	1.5		mg/kg	0.14	0.046	1
Benzo(a)anthracene	0.74		mg/kg	0.14	0.047	1
Chrysene	0.70		mg/kg	0.14	0.047	1
Benzo(b)fluoranthene	0.65		mg/kg	0.14	0.048	1
Benzo(k)fluoranthene	0.25		mg/kg	0.14	0.046	1
Benzo(a)pyrene	0.53		mg/kg	0.19	0.058	1
Indeno(1,2,3-cd)pyrene	0.32		mg/kg	0.19	0.053	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.14	0.046	1
Benzo(ghi)perylene	0.30		mg/kg	0.19	0.050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	111		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-11
 Client ID: DP-027-SO-115-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 02:32
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/08/15 09:30
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-12
 Client ID: DP-028-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 02:57
 Analyst: AS
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	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	0.31		mg/kg	0.11	0.037	1
Anthracene	0.082	J	mg/kg	0.11	0.032	1
Fluoranthene	0.72		mg/kg	0.11	0.035	1
Pyrene	0.66		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.40		mg/kg	0.11	0.037	1
Chrysene	0.40		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.45		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.19		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.37		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.26		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.066	J	mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.23		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
4-Terphenyl-d14	59		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-13
Client ID: DP-028-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/14/15 03:23
Analyst: AS
Percent Solids: 88%

Date Collected: 07/08/15 09:50
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.24		mg/kg	0.19	0.062	1
2-Methylnaphthalene	0.15	J	mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	0.047	J	mg/kg	0.15	0.035	1
Acenaphthene	0.45		mg/kg	0.15	0.038	1
Fluorene	0.35		mg/kg	0.19	0.053	1
Phenanthrene	5.2		mg/kg	0.11	0.036	1
Anthracene	1.1		mg/kg	0.11	0.031	1
Fluoranthene	8.1	E	mg/kg	0.11	0.034	1
Pyrene	7.3		mg/kg	0.11	0.036	1
Benzo(a)anthracene	3.0		mg/kg	0.11	0.036	1
Chrysene	3.0		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	3.3		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	1.1		mg/kg	0.11	0.035	1
Benzo(a)pyrene	2.6		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.40		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	1.6		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-13 D

Date Collected: 07/08/15 09:50

Client ID: DP-028-SO-010-02

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270D

Extraction Date: 07/10/15 08:29

Analytical Date: 07/14/15 14:47

Analyst: AS

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	6.2		mg/kg	0.22	0.068	2

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-14 D
 Client ID: DP-028-SO-095-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 15:13
 Analyst: AS
 Percent Solids: 72%

Date Collected: 07/08/15 09:55
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.1	0.37	5
2-Methylnaphthalene	ND		mg/kg	1.3	0.36	5
2-Chloronaphthalene	ND		mg/kg	1.1	0.36	5
Acenaphthylene	ND		mg/kg	0.90	0.21	5
Acenaphthene	ND		mg/kg	0.90	0.23	5
Fluorene	ND		mg/kg	1.1	0.32	5
Phenanthrene	0.29	J	mg/kg	0.67	0.22	5
Anthracene	ND		mg/kg	0.67	0.19	5
Fluoranthene	0.38	J	mg/kg	0.67	0.21	5
Pyrene	0.36	J	mg/kg	0.67	0.22	5
Benzo(a)anthracene	ND		mg/kg	0.67	0.22	5
Chrysene	0.22	J	mg/kg	0.67	0.22	5
Benzo(b)fluoranthene	ND		mg/kg	0.67	0.23	5
Benzo(k)fluoranthene	ND		mg/kg	0.67	0.21	5
Benzo(a)pyrene	ND		mg/kg	0.90	0.27	5
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.90	0.25	5
Dibenzo(a,h)anthracene	ND		mg/kg	0.67	0.22	5
Benzo(ghi)perylene	ND		mg/kg	0.90	0.23	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-15
 Client ID: DP-028-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 04:14
 Analyst: AS
 Percent Solids: 76%

Date Collected: 07/08/15 10:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:30

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	ND		mg/kg	0.13	0.042	1
Anthracene	ND		mg/kg	0.13	0.036	1
Fluoranthene	ND		mg/kg	0.13	0.039	1
Pyrene	ND		mg/kg	0.13	0.042	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.042	1
Chrysene	ND		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.043	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.041	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-16
 Client ID: DP-030-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 04:40
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/08/15 10:33
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.32		mg/kg	0.11	0.036	1
Anthracene	0.094	J	mg/kg	0.11	0.031	1
Fluoranthene	0.83		mg/kg	0.11	0.034	1
Pyrene	0.74		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.43		mg/kg	0.11	0.036	1
Chrysene	0.43		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.52		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.18		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.41		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.29		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.070	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.25		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-17 D
 Client ID: DP-030-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 13:26
 Analyst: AS
 Percent Solids: 77%

Date Collected: 07/08/15 10:40
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	1.1	0.36	5
2-Methylnaphthalene	ND		mg/kg	1.3	0.34	5
2-Chloronaphthalene	ND		mg/kg	1.1	0.35	5
Acenaphthylene	ND		mg/kg	0.86	0.20	5
Acenaphthene	ND		mg/kg	0.86	0.22	5
Fluorene	ND		mg/kg	1.1	0.31	5
Phenanthrene	ND		mg/kg	0.64	0.21	5
Anthracene	ND		mg/kg	0.64	0.18	5
Fluoranthene	ND		mg/kg	0.64	0.20	5
Pyrene	ND		mg/kg	0.64	0.21	5
Benzo(a)anthracene	ND		mg/kg	0.64	0.21	5
Chrysene	ND		mg/kg	0.64	0.21	5
Benzo(b)fluoranthene	ND		mg/kg	0.64	0.22	5
Benzo(k)fluoranthene	ND		mg/kg	0.64	0.20	5
Benzo(a)pyrene	ND		mg/kg	0.86	0.26	5
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.86	0.24	5
Dibenzo(a,h)anthracene	ND		mg/kg	0.64	0.21	5
Benzo(ghi)perylene	ND		mg/kg	0.86	0.22	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-18
 Client ID: DP-030-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 05:31
 Analyst: AS
 Percent Solids: 81%

Date Collected: 07/08/15 10:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.040	J	mg/kg	0.12	0.037	1
Pyrene	0.040	J	mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	94		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-19
 Client ID: DP-029-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 05:57
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/08/15 12:00
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

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	0.089	J	mg/kg	0.15	0.036	1
Acenaphthene	0.10	J	mg/kg	0.15	0.039	1
Fluorene	0.078	J	mg/kg	0.19	0.054	1
Phenanthrene	1.2		mg/kg	0.11	0.037	1
Anthracene	0.41		mg/kg	0.11	0.032	1
Fluoranthene	4.8		mg/kg	0.11	0.035	1
Pyrene	4.8		mg/kg	0.11	0.037	1
Benzo(a)anthracene	2.6		mg/kg	0.11	0.037	1
Chrysene	2.4		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	3.4		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	1.1		mg/kg	0.11	0.036	1
Benzo(a)pyrene	2.5		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.44		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	1.5		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	79		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-20
 Client ID: DP-029-SO-090-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 22:15
 Analyst: AS
 Percent Solids: 80%

Date Collected: 07/08/15 12:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13	J	mg/kg	0.21	0.069	1
2-Methylnaphthalene	0.095	J	mg/kg	0.25	0.067	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.068	1
Acenaphthylene	0.34		mg/kg	0.17	0.039	1
Acenaphthene	0.21		mg/kg	0.17	0.043	1
Fluorene	0.38		mg/kg	0.21	0.060	1
Phenanthrene	3.4		mg/kg	0.12	0.041	1
Anthracene	0.77		mg/kg	0.12	0.035	1
Fluoranthene	5.7		mg/kg	0.12	0.038	1
Pyrene	4.6		mg/kg	0.12	0.041	1
Benzo(a)anthracene	2.3		mg/kg	0.12	0.041	1
Chrysene	2.2		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	2.4		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.92		mg/kg	0.12	0.040	1
Benzo(a)pyrene	1.9		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	1.2		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	0.32		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	1.1		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	93		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-21
 Client ID: DP-029-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 22:41
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/08/15 12:15
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

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	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.12	0.041	1
Anthracene	ND		mg/kg	0.12	0.035	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.041	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.041	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-22 D
 Client ID: DP-031-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 12:20
 Analyst: RC
 Percent Solids: 85%

Date Collected: 07/08/15 12:30
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/15/15 19:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.59	J	mg/kg	0.97	0.32	5
2-Methylnaphthalene	ND		mg/kg	1.2	0.31	5
2-Chloronaphthalene	ND		mg/kg	0.97	0.32	5
Acenaphthylene	ND		mg/kg	0.78	0.18	5
Acenaphthene	0.64	J	mg/kg	0.78	0.20	5
Fluorene	0.51	J	mg/kg	0.97	0.28	5
Phenanthrene	7.6		mg/kg	0.58	0.19	5
Anthracene	1.5		mg/kg	0.58	0.16	5
Fluoranthene	12.		mg/kg	0.58	0.18	5
Pyrene	10.		mg/kg	0.58	0.19	5
Benzo(a)anthracene	4.7		mg/kg	0.58	0.19	5
Chrysene	5.0		mg/kg	0.58	0.19	5
Benzo(b)fluoranthene	5.3		mg/kg	0.58	0.20	5
Benzo(k)fluoranthene	2.2		mg/kg	0.58	0.18	5
Benzo(a)pyrene	4.2		mg/kg	0.78	0.24	5
Indeno(1,2,3-cd)pyrene	2.8		mg/kg	0.78	0.22	5
Dibenzo(a,h)anthracene	0.51	J	mg/kg	0.58	0.19	5
Benzo(ghi)perylene	2.5		mg/kg	0.78	0.20	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-23
 Client ID: DP-031-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 23:33
 Analyst: AS
 Percent Solids: 63%

Date Collected: 07/08/15 12:35
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.26	0.087	1
2-Methylnaphthalene	ND		mg/kg	0.31	0.084	1
2-Chloronaphthalene	ND		mg/kg	0.26	0.085	1
Acenaphthylene	ND		mg/kg	0.21	0.049	1
Acenaphthene	ND		mg/kg	0.21	0.054	1
Fluorene	ND		mg/kg	0.26	0.075	1
Phenanthrene	ND		mg/kg	0.16	0.051	1
Anthracene	ND		mg/kg	0.16	0.044	1
Fluoranthene	ND		mg/kg	0.16	0.048	1
Pyrene	ND		mg/kg	0.16	0.051	1
Benzo(a)anthracene	ND		mg/kg	0.16	0.051	1
Chrysene	ND		mg/kg	0.16	0.051	1
Benzo(b)fluoranthene	ND		mg/kg	0.16	0.053	1
Benzo(k)fluoranthene	ND		mg/kg	0.16	0.050	1
Benzo(a)pyrene	ND		mg/kg	0.21	0.064	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.21	0.058	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.16	0.051	1
Benzo(ghi)perylene	ND		mg/kg	0.21	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-24
 Client ID: DP-031-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/14/15 23:59
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	66		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-25
 Client ID: DP-031-SO-110-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 00:25
 Analyst: AS
 Percent Solids: 82%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-26
 Client ID: DP-032-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 00:51
 Analyst: AS
 Percent Solids: 89%

Date Collected: 07/08/15 13:10
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

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	0.21		mg/kg	0.11	0.036	1
Anthracene	0.062	J	mg/kg	0.11	0.031	1
Fluoranthene	0.54		mg/kg	0.11	0.034	1
Pyrene	0.46		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.32		mg/kg	0.11	0.036	1
Chrysene	0.30		mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.38		mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	0.14		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.28		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	0.20		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	0.054	J	mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.17		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-27
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 01:16
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.39		mg/kg	0.21	0.068	1
2-Methylnaphthalene	0.18	J	mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.038	1
Acenaphthene	0.52		mg/kg	0.16	0.042	1
Fluorene	0.52		mg/kg	0.21	0.059	1
Phenanthrene	4.6		mg/kg	0.12	0.040	1
Anthracene	1.4		mg/kg	0.12	0.034	1
Fluoranthene	5.8		mg/kg	0.12	0.038	1
Pyrene	4.9		mg/kg	0.12	0.040	1
Benzo(a)anthracene	2.1		mg/kg	0.12	0.040	1
Chrysene	2.0		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	2.0		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.88		mg/kg	0.12	0.039	1
Benzo(a)pyrene	1.8		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	1.2		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	0.26		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	1.0		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	102		30-120
4-Terphenyl-d14	109		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-28
 Client ID: DP-032-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 01:42
 Analyst: AS
 Percent Solids: 79%

Date Collected: 07/08/15 13:40
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.21	0.069	1
2-Methylnaphthalene	ND		mg/kg	0.25	0.066	1
2-Chloronaphthalene	ND		mg/kg	0.21	0.067	1
Acenaphthylene	ND		mg/kg	0.16	0.039	1
Acenaphthene	ND		mg/kg	0.16	0.043	1
Fluorene	ND		mg/kg	0.21	0.059	1
Phenanthrene	ND		mg/kg	0.12	0.040	1
Anthracene	ND		mg/kg	0.12	0.034	1
Fluoranthene	ND		mg/kg	0.12	0.038	1
Pyrene	ND		mg/kg	0.12	0.040	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.040	1
Chrysene	ND		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.050	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.046	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.040	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.043	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/15 21:23
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 07/10/15 03:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG801443-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	81		15-120
4-Terphenyl-d14	92		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/15 20:05
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/10/15 08:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-15 Batch: WG801499-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	94		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 10:59
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 07/10/15 10:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 16-21,23-28 Batch: WG801558-1					
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	83		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	77		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/16/15 09:44
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/15/15 19:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22 Batch: WG803095-1					
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	0.047
Phenanthrene	ND		mg/kg	0.099	0.032
Anthracene	ND		mg/kg	0.099	0.028
Fluoranthene	ND		mg/kg	0.099	0.030
Pyrene	ND		mg/kg	0.099	0.032
Benzo(a)anthracene	ND		mg/kg	0.099	0.032
Chrysene	ND		mg/kg	0.099	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.099	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.099	0.032
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	0.099	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

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: WG801443-2 WG801443-3								
Naphthalene	57		61		40-140	7		30
2-Methylnaphthalene	62		66		40-140	6		30
2-Chloronaphthalene	69		70		40-140	1		30
Acenaphthylene	68		71		45-123	4		30
Acenaphthene	64		67		37-111	5		30
Fluorene	68		72		40-140	6		30
Phenanthrene	67		70		40-140	4		30
Anthracene	71		76		40-140	7		30
Fluoranthene	71		77		40-140	8		30
Pyrene	70		75		26-127	7		30
Benzo(a)anthracene	69		71		40-140	3		30
Chrysene	66		69		40-140	4		30
Benzo(b)fluoranthene	64		65		40-140	2		30
Benzo(k)fluoranthene	68		69		40-140	1		30
Benzo(a)pyrene	67		67		40-140	0		30
Indeno(1,2,3-cd)Pyrene	71		72		40-140	1		30
Dibenzo(a,h)anthracene	71		73		40-140	3		30
Benzo(ghi)perylene	70		70		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

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): 02 Batch: WG801443-2 WG801443-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	55		54		23-120
2-Fluorobiphenyl	69		69		15-120
4-Terphenyl-d14	70		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-15 Batch: WG801499-2 WG801499-3								
Naphthalene	78		84		40-140	7		50
2-Methylnaphthalene	82		91		40-140	10		50
2-Chloronaphthalene	88		96		40-140	9		50
Acenaphthylene	88		97		40-140	10		50
Acenaphthene	80		87		31-137	8		50
Fluorene	84		92		40-140	9		50
Phenanthrene	82		88		40-140	7		50
Anthracene	89		97		40-140	9		50
Fluoranthene	87		96		40-140	10		50
Pyrene	88		94		35-142	7		50
Benzo(a)anthracene	85		90		40-140	6		50
Chrysene	83		88		40-140	6		50
Benzo(b)fluoranthene	83		84		40-140	1		50
Benzo(k)fluoranthene	80		90		40-140	12		50
Benzo(a)pyrene	84		90		40-140	7		50
Indeno(1,2,3-cd)pyrene	88		92		40-140	4		50
Dibenzo(a,h)anthracene	88		92		40-140	4		50
Benzo(ghi)perylene	85		90		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	---------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-15 Batch: WG801499-2 WG801499-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	70		75		23-120
2-Fluorobiphenyl	87		92		30-120
4-Terphenyl-d14	91		94		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-21,23-28 Batch: WG801558-2 WG801558-3								
Naphthalene	90		81		40-140	11		50
2-Methylnaphthalene	92		85		40-140	8		50
2-Chloronaphthalene	94		88		40-140	7		50
Acenaphthylene	98		92		40-140	6		50
Acenaphthene	91		85		31-137	7		50
Fluorene	94		87		40-140	8		50
Phenanthrene	91		85		40-140	7		50
Anthracene	92		84		40-140	9		50
Fluoranthene	93		84		40-140	10		50
Pyrene	91		84		35-142	8		50
Benzo(a)anthracene	89		83		40-140	7		50
Chrysene	89		83		40-140	7		50
Benzo(b)fluoranthene	90		89		40-140	1		50
Benzo(k)fluoranthene	96		83		40-140	15		50
Benzo(a)pyrene	92		85		40-140	8		50
Indeno(1,2,3-cd)pyrene	90		83		40-140	8		50
Dibenzo(a,h)anthracene	90		83		40-140	8		50
Benzo(ghi)perylene	91		83		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 16-21,23-28 Batch: WG801558-2 WG801558-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	96		86		23-120
2-Fluorobiphenyl	95		89		30-120
4-Terphenyl-d14	85		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22 Batch: WG803095-2 WG803095-3								
Naphthalene	69		75		40-140	8		50
2-Methylnaphthalene	74		81		40-140	9		50
2-Chloronaphthalene	86		91		40-140	6		50
Acenaphthylene	83		90		40-140	8		50
Acenaphthene	71		78		31-137	9		50
Fluorene	77		84		40-140	9		50
Phenanthrene	72		78		40-140	8		50
Anthracene	73		80		40-140	9		50
Fluoranthene	79		86		40-140	8		50
Pyrene	78		86		35-142	10		50
Benzo(a)anthracene	74		81		40-140	9		50
Chrysene	70		76		40-140	8		50
Benzo(b)fluoranthene	74		80		40-140	8		50
Benzo(k)fluoranthene	76		84		40-140	10		50
Benzo(a)pyrene	76		81		40-140	6		50
Indeno(1,2,3-cd)pyrene	74		80		40-140	8		50
Dibenzo(a,h)anthracene	72		81		40-140	12		50
Benzo(ghi)perylene	75		83		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

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): 22 Batch: WG803095-2 WG803095-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	77		85		23-120
2-Fluorobiphenyl	84		93		30-120
4-Terphenyl-d14	79		87		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
 Client ID: EB01-070815
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 09:25
 Analyst: SW

Date Collected: 07/08/15 11:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/10/15 06:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	118	J	ug/l	538	22.6	1
---------------	-----	---	------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
 Client ID: EB01-070815
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 01:42
 Analyst: BS

Date Collected: 07/08/15 11:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/l	50	3.0	1
-------------------------	----	--	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-03
Client ID: DP-024-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/11/15 18:19
Analyst: SW
Percent Solids: 79%

Date Collected: 07/08/15 08:05
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	34.6	J	mg/kg	40.5	4.52	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-03
 Client ID: DP-024-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 22:39
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.9	J	mg/kg	3.1	0.060	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-04
 Client ID: DP-024-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 18:51
 Analyst: SW
 Percent Solids: 80%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	26.5	J	mg/kg	39.4	4.40	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-04
 Client ID: DP-024-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 13:54
 Analyst: BS
 Percent Solids: 80%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 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	3.1	0.059	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-05
 Client ID: DP-023-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 15:57
 Analyst: SW
 Percent Solids: 90%

Date Collected: 07/08/15 08:13
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	475.		mg/kg	35.8	4.00	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-05
 Client ID: DP-023-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 15:58
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/08/15 08:13
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-06
 Client ID: DP-023-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 19:24
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/08/15 08:15
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	29.7	J	mg/kg	37.9	4.23	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-06
Client ID: DP-023-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 16:39
Analyst: BS
Percent Solids: 86%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-07
 Client ID: DP-023-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 19:56
 Analyst: SW
 Percent Solids: 79%

Date Collected: 07/08/15 08:18
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.40	J	mg/kg	41.7	4.65	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-07
 Client ID: DP-023-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 17:20
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/08/15 08:18
 Date Received: 07/08/15
 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	90		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-08
 Client ID: DP-026-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/11/15 20:28
 Analyst: SW
 Percent Solids: 81%

Date Collected: 07/08/15 08:55
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.7	4.32	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-08
 Client ID: DP-026-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 18:01
 Analyst: BS
 Percent Solids: 81%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-09
Client ID: DP-027-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/11/15 21:33
Analyst: SW
Percent Solids: 90%

Date Collected: 07/08/15 09:15
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	240.		mg/kg	35.4	3.96	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-09
 Client ID: DP-027-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 18:42
 Analyst: BS
 Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-10
 Client ID: DP-027-SO-080-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 19:23
 Analyst: BS
 Percent Solids: 69%

Date Collected: 07/08/15 09:18
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	3.1	J	mg/kg	3.6	0.069	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-10 D

Date Collected: 07/08/15 09:18

Client ID: DP-027-SO-080-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 06:49

Analytical Date: 07/14/15 10:06

Analyst: AR

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	14500		mg/kg	2300	257.	50
---------------	-------	--	-------	------	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-11
 Client ID: DP-027-SO-115-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 20:04
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/08/15 09:30
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-11 D
 Client ID: DP-027-SO-115-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 06:50
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/08/15 09:30
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	362.		mg/kg	79.3	8.85	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-12
 Client ID: DP-028-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 22:35
 Analyst: SW
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	144.		mg/kg	37.2	4.15	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-12
Client ID: DP-028-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 20:45
Analyst: BS
Percent Solids: 88%

Date Collected: 07/08/15 09:50
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	78		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-13
 Client ID: DP-028-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 21:26
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-13 D
Client ID: DP-028-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 06:18
Analyst: AR
Percent Solids: 88%

Date Collected: 07/08/15 09:50
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	330.		mg/kg	75.3	8.40	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-14
Client ID: DP-028-SO-095-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 22:07
Analyst: BS
Percent Solids: 72%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	3.1	J	mg/kg	3.3	0.064	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	90		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-14 D

Date Collected: 07/08/15 09:55

Client ID: DP-028-SO-095-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 06:49

Analytical Date: 07/14/15 09:33

Analyst: AR

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	54000		mg/kg	8660	967.	200
---------------	-------	--	-------	------	------	-----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	0	Q	40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-15
 Client ID: DP-028-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 04:34
 Analyst: SW
 Percent Solids: 76%

Date Collected: 07/08/15 10:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	95.2		mg/kg	42.8	4.77	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-15
 Client ID: DP-028-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 22:48
 Analyst: BS
 Percent Solids: 76%

Date Collected: 07/08/15 10:05
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.3	J	mg/kg	3.3	0.063	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-16
 Client ID: DP-030-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 21:23
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/08/15 10:33
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 07:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	22.0	J	mg/kg	36.8	4.10	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-16
 Client ID: DP-030-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 23:29
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/08/15 10:33
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	91		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-17
 Client ID: DP-030-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 04:16
 Analyst: BS
 Percent Solids: 77%

Date Collected: 07/08/15 10:40
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	3.5		mg/kg	3.0	0.057	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-17 D

Date Collected: 07/08/15 10:40

Client ID: DP-030-SO-100-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 07:34

Analytical Date: 07/14/15 08:28

Analyst: AR

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	862.		mg/kg	208	23.2	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-18
 Client ID: DP-030-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 04:56
 Analyst: BS
 Percent Solids: 81%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.3	J	mg/kg	2.8	0.054	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-18 D

Date Collected: 07/08/15 10:45

Client ID: DP-030-SO-125-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 07:35

Analytical Date: 07/14/15 07:23

Analyst: AR

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	736.		mg/kg	201	22.5	5
---------------	------	--	-------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-19
 Client ID: DP-029-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 05:37
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/08/15 12:00
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-19 D

Date Collected: 07/08/15 12:00

Client ID: DP-029-SO-010-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 07:35

Analytical Date: 07/13/15 23:11

Analyst: SW

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	988.		mg/kg	190	21.2	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-20
Client ID: DP-029-SO-090-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 06:18
Analyst: BS
Percent Solids: 80%

Date Collected: 07/08/15 12:05
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.9	0.056	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-20 D

Date Collected: 07/08/15 12:05

Client ID: DP-029-SO-090-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 07:35

Analytical Date: 07/14/15 09:00

Analyst: AR

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	4300		mg/kg	809	90.3	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	98		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-21
 Client ID: DP-029-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 06:59
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/08/15 12:15
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	2.8	J	mg/kg	3.2	0.061	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-21 D
Client ID: DP-029-SO-105-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 07:55
Analyst: AR
Percent Solids: 79%

Date Collected: 07/08/15 12:15
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/10/15 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	709.		mg/kg	208	23.2	5
---------------	------	--	-------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-22
 Client ID: DP-031-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 21:59
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/08/15 12:30
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	94.4		mg/kg	38.2	4.27	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-22
Client ID: DP-031-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 15:01
Analyst: BS
Percent Solids: 85%

Date Collected: 07/08/15 12:30
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-23
 Client ID: DP-031-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 16:59
 Analyst: BS
 Percent Solids: 63%

Date Collected: 07/08/15 12:35
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	1.3	J	mg/kg	3.6	0.070	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-23 D

Date Collected: 07/08/15 12:35

Client ID: DP-031-SO-100-01

Date Received: 07/08/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/10/15 08:39

Analytical Date: 07/14/15 02:08

Analyst: SW

Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1110		mg/kg	259	28.9	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-24
 Client ID: DP-031-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 18:00
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	128.		mg/kg	39.5	4.40	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-24
 Client ID: DP-031-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 17:39
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 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	102		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-25
 Client ID: DP-031-SO-110-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 18:32
 Analyst: SW
 Percent Solids: 82%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	125.		mg/kg	38.9	4.34	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-25
 Client ID: DP-031-SO-110-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 18:18
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	96		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-26
 Client ID: DP-032-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 16:30
 Analyst: SW
 Percent Solids: 89%

Date Collected: 07/08/15 13:10
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	256.		mg/kg	37.1	4.14	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	93		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515600**Project Number:** 40223-002**Report Date:** 07/17/15**SAMPLE RESULTS**

Lab ID: L1515600-26
Client ID: DP-032-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 18:58
Analyst: BS
Percent Solids: 89%

Date Collected: 07/08/15 13:10
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.051	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-27
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 19:05
 Analyst: SW
 Percent Solids: 79%

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	66.1		mg/kg	40.4	4.51	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-27
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 19:37
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	1.8	J	mg/kg	2.6	0.050	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-28
 Client ID: DP-032-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/12/15 19:37
 Analyst: SW
 Percent Solids: 79%

Date Collected: 07/08/15 13:40
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	98.7		mg/kg	40.6	4.53	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-28
 Client ID: DP-032-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 20:17
 Analyst: BS
 Percent Solids: 79%

Date Collected: 07/08/15 13:40
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	1.1	J	mg/kg	2.7	0.052	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/11/15 16:42
Analyst: SW

Extraction Method: EPA 3546
Extraction Date: 07/10/15 06:49

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 03-04,06-22 Batch: WG801471-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.6	3.52

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

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

Extraction Method: EPA 3510C
Extraction Date: 07/10/15 06:50

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02 Batch: WG801472-1					
Total Petroleum Hydrocarbons (C9-C44)	108	J	ug/l	500	21.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

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

Extraction Method: EPA 3546
Extraction Date: 07/10/15 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 05,23-28 Batch: WG801503-1					
Total Petroleum Hydrocarbons (C9-C44)	7.05	J	mg/kg	32.0	3.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/15/15 11:23
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 04-16 Batch: WG803259-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 02:13
 Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 17-21 Batch: WG803259-8					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis
Batch Quality Control

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

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03 Batch: WG803311-3					
Gasoline Range Organics	1.7	J	mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 22-28 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

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-04,06-22 Batch: WG801471-2								
Total Petroleum Hydrocarbons (C9-C44)	88		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05,23-28 Batch: WG801503-2								
Total Petroleum Hydrocarbons (C9-C44)	97		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	94				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: L1515600
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04-16 Batch: WG803259-1 WG803259-2								
Gasoline Range Organics	93		100		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	105		103		70-130
4-Bromofluorobenzene	107		105		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 17-21 Batch: WG803259-6 WG803259-7								
Gasoline Range Organics	102		105		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	105		106		70-130
4-Bromofluorobenzene	108		110		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03 Batch: WG803311-1 WG803311-2								
Gasoline Range Organics	87		95		80-120	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	106		104		70-130
4-Bromofluorobenzene	98		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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
Gasoline Range Organics - Westborough Lab Associated sample(s): 22-28 Batch: WG803705-1 WG803705-2								
Gasoline Range Organics	83		94		80-120	12		20

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
1,1,1-Trifluorotoluene	102		105		70-130
4-Bromofluorobenzene	108		111		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 04-21 QC Batch ID: WG803259-5 QC Sample: L1515600-04 Client ID: DP-024-SO-100-02												
Gasoline Range Organics	ND	24.6	30	120		-	-		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	99				70-130
4-Bromofluorobenzene	104				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 03 QC Batch ID: WG803311-5 QC Sample: L1515522-27 Client ID: MS Sample												
Gasoline Range Organics	1.9J	18.5	20	106		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	99				70-130
4-Bromofluorobenzene	82				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 22-28 QC Batch ID: WG803705-5 QC Sample: L1515600-22 Client ID: DP-031-SO-010-01												
Gasoline Range Organics	ND	22.4	18	82		-	-		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	97				70-130
4-Bromofluorobenzene	98				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-04,06-22 QC Batch ID: WG801471-3 QC Sample: L1515600-06 Client ID: DP-023-SO-050-01						

Total Petroleum Hydrocarbons (C9-C44)	29.7J	24.3J	mg/kg	NC		40
---------------------------------------	-------	-------	-------	----	--	----

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	79		85		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 05,23-28 QC Batch ID: WG801503-3 QC Sample: L1515600-23 Client ID: DP-031-SO-100-01						
--	--	--	--	--	--	--

Total Petroleum Hydrocarbons (C9-C44)	1110	871	mg/kg	24		40
---------------------------------------	------	-----	-------	----	--	----

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		90		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04-21 QC Batch ID: WG803259-4 QC Sample: L1515600-04 Client ID: DP-024-SO-100-02					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		92		70-130
4-Bromofluorobenzene	97		95		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03 QC Batch ID: WG803311-4 QC Sample: L1515522-27 Client ID: DUP Sample					
Gasoline Range Organics	1.9J	1.9J	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		92		70-130
4-Bromofluorobenzene	82		78		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 22-28 QC Batch ID: WG803705-4 QC Sample: L1515600-22 Client ID: DP-031-SO-010-01					
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

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-02
 Client ID: EB01-070815
 Sample Location: Not Specified
 Matrix: Water

Date Collected: 07/08/15 11:05
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Antimony, Total	ND		ug/l	50.0	8.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Arsenic, Total	5.30		ug/l	5.00	2.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Barium, Total	ND		ug/l	10.0	3.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Calcium, Total	97.	J	ug/l	100	30.	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Chromium, Total	ND		ug/l	10	2.0	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Copper, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Iron, Total	82.		ug/l	50.	20.	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Lead, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Magnesium, Total	16.	J	ug/l	100	10.	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Manganese, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/10/15 13:33	07/10/15 19:48	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Potassium, Total	ND		ug/l	2500	400	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Selenium, Total	ND		ug/l	10.0	3.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Silver, Total	ND		ug/l	7.00	2.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Sodium, Total	ND		ug/l	2000	300	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Thallium, Total	ND		ug/l	20.0	4.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC
Zinc, Total	ND		ug/l	50.0	7.00	1	07/10/15 11:57	07/14/15 17:56	EPA 3005A	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-03
 Client ID: DP-024-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 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	9.6	1.9	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.96	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Barium, Total	68		mg/kg	0.96	0.29	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.48	0.10	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Calcium, Total	3500		mg/kg	9.6	2.9	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Chromium, Total	16		mg/kg	0.96	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Cobalt, Total	13		mg/kg	1.9	0.48	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Copper, Total	11		mg/kg	0.96	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.8	1.9	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Lead, Total	42		mg/kg	4.8	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Magnesium, Total	810		mg/kg	9.6	0.96	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.96	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 20:38	EPA 7471B	1,7471B	EA
Nickel, Total	7.3		mg/kg	2.4	0.38	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Potassium, Total	590		mg/kg	240	38.	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.96	0.19	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Sodium, Total	78	J	mg/kg	190	29.	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Vanadium, Total	26		mg/kg	0.96	0.10	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT
Zinc, Total	37		mg/kg	4.8	0.67	2	07/10/15 16:35	07/13/15 21:21	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-04
 Client ID: DP-024-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/08/15 08:05
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	9.9	2.0	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.9	0.79	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.99	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Barium, Total	46		mg/kg	0.99	0.30	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Beryllium, Total	0.57		mg/kg	0.49	0.10	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.99	0.07	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Calcium, Total	1900		mg/kg	9.9	3.0	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Chromium, Total	20		mg/kg	0.99	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Cobalt, Total	8.4		mg/kg	2.0	0.49	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.99	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.9	2.0	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Lead, Total	16		mg/kg	4.9	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Magnesium, Total	1100		mg/kg	9.9	0.99	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	0.99	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 20:45	EPA 7471B	1,7471B	EA
Nickel, Total	9.1		mg/kg	2.5	0.39	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Potassium, Total	820		mg/kg	250	39.	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.99	0.20	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Sodium, Total	100	J	mg/kg	200	30.	2	07/10/15 16:35	07/14/15 19:05	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Vanadium, Total	34		mg/kg	0.99	0.10	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT
Zinc, Total	37		mg/kg	4.9	0.69	2	07/10/15 16:35	07/13/15 23:59	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-05
 Client ID: DP-023-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/08/15 08:13
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5200		mg/kg	8.8	1.8	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Antimony, Total	1.3	J	mg/kg	4.4	0.70	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Arsenic, Total	12		mg/kg	0.88	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Barium, Total	90		mg/kg	0.88	0.26	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Beryllium, Total	0.40	J	mg/kg	0.44	0.09	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Cadmium, Total	0.28	J	mg/kg	0.88	0.06	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Calcium, Total	7200		mg/kg	8.8	2.6	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.88	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Cobalt, Total	5.5		mg/kg	1.8	0.44	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Copper, Total	36		mg/kg	0.88	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Iron, Total	18000		mg/kg	4.4	1.8	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Lead, Total	190		mg/kg	4.4	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Magnesium, Total	1500		mg/kg	8.8	0.88	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Manganese, Total	170		mg/kg	0.88	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Mercury, Total	0.83		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 20:51	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.2	0.35	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Potassium, Total	560		mg/kg	220	35.	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Sodium, Total	150	J	mg/kg	180	26.	2	07/10/15 16:35	07/14/15 19:09	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.88	0.09	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT
Zinc, Total	140		mg/kg	4.4	0.62	2	07/10/15 16:35	07/14/15 00:03	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-06
 Client ID: DP-023-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/08/15 08:15
 Date Received: 07/08/15
 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	4700		mg/kg	9.2	1.8	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Arsenic, Total	6.6		mg/kg	0.92	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Barium, Total	35		mg/kg	0.92	0.28	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Beryllium, Total	0.22	J	mg/kg	0.46	0.09	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Cadmium, Total	0.13	J	mg/kg	0.92	0.06	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Calcium, Total	3100		mg/kg	9.2	2.8	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Chromium, Total	9.8		mg/kg	0.92	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Cobalt, Total	2.5		mg/kg	1.8	0.46	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.92	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Iron, Total	10000		mg/kg	4.6	1.8	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Lead, Total	38		mg/kg	4.6	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Magnesium, Total	790		mg/kg	9.2	0.92	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Manganese, Total	66		mg/kg	0.92	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Mercury, Total	0.43		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 20:53	EPA 7471B	1,7471B	EA
Nickel, Total	4.1		mg/kg	2.3	0.37	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Potassium, Total	490		mg/kg	230	37.	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Sodium, Total	30	J	mg/kg	180	28.	2	07/10/15 16:35	07/14/15 19:13	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Vanadium, Total	17		mg/kg	0.92	0.09	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT
Zinc, Total	79		mg/kg	4.6	0.64	2	07/10/15 16:35	07/14/15 00:07	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-07
 Client ID: DP-023-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/08/15 08:18
 Date Received: 07/08/15
 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	7800		mg/kg	10	2.0	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Arsenic, Total	2.3		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Barium, Total	49		mg/kg	1.0	0.30	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.50	0.10	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Calcium, Total	1300		mg/kg	10	3.0	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Chromium, Total	19		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Cobalt, Total	9.3		mg/kg	2.0	0.50	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Copper, Total	9.2		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Iron, Total	18000		mg/kg	5.0	2.0	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Lead, Total	23		mg/kg	5.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Magnesium, Total	840		mg/kg	10	1.0	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Manganese, Total	260		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 20:54	EPA 7471B	1,7471B	EA
Nickel, Total	7.1		mg/kg	2.5	0.40	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Potassium, Total	660		mg/kg	250	40.	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Selenium, Total	0.32	J	mg/kg	2.0	0.30	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Sodium, Total	87	J	mg/kg	200	30.	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	1.0	0.10	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC
Zinc, Total	26		mg/kg	5.0	0.70	2	07/11/15 05:03	07/13/15 15:44	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-08
 Client ID: DP-026-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/08/15 08:55
 Date Received: 07/08/15
 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	9.6	1.9	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Arsenic, Total	2.1		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Barium, Total	44		mg/kg	0.96	0.29	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Beryllium, Total	0.70		mg/kg	0.48	0.10	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Calcium, Total	340		mg/kg	9.6	2.9	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Cobalt, Total	7.3		mg/kg	1.9	0.48	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Copper, Total	16		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Iron, Total	29000		mg/kg	4.8	1.9	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Lead, Total	12		mg/kg	4.8	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Magnesium, Total	1700		mg/kg	9.6	0.96	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Manganese, Total	250		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Mercury, Total	0.09		mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 20:56	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.4	0.38	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Potassium, Total	420		mg/kg	240	38.	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Sodium, Total	78	J	mg/kg	190	29.	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Vanadium, Total	31		mg/kg	0.96	0.10	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC
Zinc, Total	33		mg/kg	4.8	0.67	2	07/11/15 05:03	07/13/15 16:19	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-09
 Client ID: DP-027-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/08/15 09:15
 Date Received: 07/08/15
 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	1800		mg/kg	8.6	1.7	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Arsenic, Total	0.93		mg/kg	0.86	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Barium, Total	16		mg/kg	0.86	0.26	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Beryllium, Total	0.09	J	mg/kg	0.43	0.09	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Calcium, Total	2400		mg/kg	8.6	2.6	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Chromium, Total	6.2		mg/kg	0.86	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Cobalt, Total	1.1	J	mg/kg	1.7	0.43	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Copper, Total	7.6		mg/kg	0.86	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Iron, Total	5900		mg/kg	4.3	1.7	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Lead, Total	27		mg/kg	4.3	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Magnesium, Total	240		mg/kg	8.6	0.86	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Manganese, Total	39		mg/kg	0.86	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Mercury, Total	0.13		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 20:58	EPA 7471B	1,7471B	EA
Nickel, Total	2.0	J	mg/kg	2.2	0.34	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Potassium, Total	190	J	mg/kg	220	34.	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.86	0.17	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Sodium, Total	ND		mg/kg	170	26.	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Vanadium, Total	8.8		mg/kg	0.86	0.09	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC
Zinc, Total	18		mg/kg	4.3	0.60	2	07/11/15 05:03	07/13/15 16:22	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-10
 Client ID: DP-027-SO-080-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 69%

Date Collected: 07/08/15 09:18
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3600		mg/kg	12	2.3	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.8	0.92	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Arsenic, Total	2.9		mg/kg	1.2	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Barium, Total	86		mg/kg	1.2	0.34	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Beryllium, Total	0.26	J	mg/kg	0.58	0.12	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Cadmium, Total	0.31	J	mg/kg	1.2	0.08	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Calcium, Total	62000		mg/kg	12	3.4	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Chromium, Total	10		mg/kg	1.2	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Cobalt, Total	3.7		mg/kg	2.3	0.58	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Copper, Total	56		mg/kg	1.2	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	5.8	2.3	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Lead, Total	56		mg/kg	5.8	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	12	1.2	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Manganese, Total	370		mg/kg	1.2	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Mercury, Total	0.36		mg/kg	0.10	0.02	1	07/11/15 09:25	07/11/15 21:00	EPA 7471B	1,7471B	EA
Nickel, Total	7.7		mg/kg	2.9	0.46	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Potassium, Total	470		mg/kg	290	46.	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Selenium, Total	1.6	J	mg/kg	2.3	0.34	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.2	0.23	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Sodium, Total	210	J	mg/kg	230	34.	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.3	0.46	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Vanadium, Total	15		mg/kg	1.2	0.12	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC
Zinc, Total	270		mg/kg	5.8	0.81	2	07/11/15 05:03	07/13/15 16:26	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-11
 Client ID: DP-027-SO-115-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/08/15 09:30
 Date Received: 07/08/15
 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 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Arsenic, Total	2.4		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Barium, Total	40		mg/kg	0.94	0.28	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Beryllium, Total	0.68		mg/kg	0.47	0.09	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Calcium, Total	340		mg/kg	9.4	2.8	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Cobalt, Total	10		mg/kg	1.9	0.47	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Iron, Total	28000		mg/kg	4.7	1.9	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Lead, Total	20		mg/kg	4.7	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Magnesium, Total	1800		mg/kg	9.4	0.94	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Manganese, Total	360		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:02	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.3	0.37	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Potassium, Total	410		mg/kg	230	37.	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Sodium, Total	69	J	mg/kg	190	28.	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	0.94	0.09	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC
Zinc, Total	37		mg/kg	4.7	0.65	2	07/11/15 05:03	07/13/15 16:30	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-12
 Client ID: DP-028-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5400		mg/kg	8.8	1.8	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Antimony, Total	2.4	J	mg/kg	4.4	0.70	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Arsenic, Total	14		mg/kg	0.88	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Barium, Total	120		mg/kg	0.88	0.26	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Beryllium, Total	0.41	J	mg/kg	0.44	0.09	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Cadmium, Total	0.78	J	mg/kg	0.88	0.06	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Calcium, Total	5800		mg/kg	8.8	2.6	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Chromium, Total	13		mg/kg	0.88	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Cobalt, Total	5.1		mg/kg	1.8	0.44	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Copper, Total	110		mg/kg	0.88	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Iron, Total	21000		mg/kg	4.4	1.8	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Lead, Total	360		mg/kg	4.4	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Magnesium, Total	960		mg/kg	8.8	0.88	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Manganese, Total	170		mg/kg	0.88	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Mercury, Total	0.16		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 21:03	EPA 7471B	1,7471B	EA
Nickel, Total	7.8		mg/kg	2.2	0.35	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Potassium, Total	620		mg/kg	220	35.	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Selenium, Total	0.42	J	mg/kg	1.8	0.26	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Silver, Total	0.45	J	mg/kg	0.88	0.18	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Sodium, Total	64	J	mg/kg	180	26.	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Vanadium, Total	19		mg/kg	0.88	0.09	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC
Zinc, Total	320		mg/kg	4.4	0.62	2	07/11/15 05:03	07/13/15 16:34	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-13
 Client ID: DP-028-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 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	8.7	1.7	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Antimony, Total	1.1	J	mg/kg	4.4	0.70	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Arsenic, Total	5.4		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Barium, Total	90		mg/kg	0.87	0.26	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Beryllium, Total	0.38	J	mg/kg	0.44	0.09	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Cadmium, Total	0.30	J	mg/kg	0.87	0.06	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Calcium, Total	5000		mg/kg	8.7	2.6	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Cobalt, Total	3.3		mg/kg	1.7	0.44	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Copper, Total	62		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	4.4	1.7	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Lead, Total	170		mg/kg	4.4	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Magnesium, Total	690		mg/kg	8.7	0.87	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Manganese, Total	130		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Mercury, Total	1.2		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 21:05	EPA 7471B	1,7471B	EA
Nickel, Total	6.3		mg/kg	2.2	0.35	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Potassium, Total	590		mg/kg	220	35.	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Sodium, Total	47	J	mg/kg	170	26.	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Vanadium, Total	25		mg/kg	0.87	0.09	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC
Zinc, Total	190		mg/kg	4.4	0.61	2	07/11/15 05:03	07/13/15 16:37	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-14
 Client ID: DP-028-SO-095-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 07/08/15 09:55
 Date Received: 07/08/15
 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	3900		mg/kg	11	2.2	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Antimony, Total	4.5	J	mg/kg	5.4	0.87	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Arsenic, Total	7.1		mg/kg	1.1	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Barium, Total	420		mg/kg	1.1	0.33	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Beryllium, Total	0.46	J	mg/kg	0.54	0.11	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Cadmium, Total	0.27	J	mg/kg	1.1	0.08	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Calcium, Total	7400		mg/kg	11	3.3	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	1.1	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Cobalt, Total	4.1		mg/kg	2.2	0.54	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Copper, Total	120		mg/kg	1.1	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	5.4	2.2	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Lead, Total	320		mg/kg	5.4	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	11	1.1	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Manganese, Total	120		mg/kg	1.1	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Mercury, Total	5.7		mg/kg	0.46	0.10	5	07/11/15 09:25	07/11/15 21:35	EPA 7471B	1,7471B	EA
Nickel, Total	12		mg/kg	2.7	0.44	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Potassium, Total	430		mg/kg	270	44.	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Selenium, Total	0.87	J	mg/kg	2.2	0.33	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Silver, Total	0.49	J	mg/kg	1.1	0.22	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Sodium, Total	150	J	mg/kg	220	33.	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.2	0.44	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	1.1	0.11	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC
Zinc, Total	250		mg/kg	5.4	0.76	2	07/11/15 05:03	07/13/15 18:27	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-15
 Client ID: DP-028-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/08/15 10:05
 Date Received: 07/08/15
 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	14000		mg/kg	10	2.0	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.1	0.82	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Arsenic, Total	2.4		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Barium, Total	48		mg/kg	1.0	0.31	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.55		mg/kg	0.51	0.10	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Calcium, Total	990		mg/kg	10	3.1	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Chromium, Total	26		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Cobalt, Total	14		mg/kg	2.0	0.51	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Copper, Total	18		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Iron, Total	29000		mg/kg	5.1	2.0	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Lead, Total	19		mg/kg	5.1	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Magnesium, Total	1500		mg/kg	10	1.0	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Manganese, Total	210		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.10		mg/kg	0.09	0.02	1	07/11/15 09:25	07/11/15 21:13	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.6	0.41	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Potassium, Total	770		mg/kg	260	41.	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.31	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Sodium, Total	130	J	mg/kg	200	31.	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Vanadium, Total	45		mg/kg	1.0	0.10	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC
Zinc, Total	42		mg/kg	5.1	0.72	2	07/11/15 05:03	07/13/15 18:31	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-16
 Client ID: DP-030-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/08/15 10:33
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.1	1.8	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Arsenic, Total	2.7		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Barium, Total	68		mg/kg	0.91	0.27	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Beryllium, Total	0.44	J	mg/kg	0.45	0.09	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Calcium, Total	1400		mg/kg	9.1	2.7	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Cobalt, Total	7.8		mg/kg	1.8	0.45	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Copper, Total	14		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Iron, Total	23000		mg/kg	4.5	1.8	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Lead, Total	34		mg/kg	4.5	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Magnesium, Total	1300		mg/kg	9.1	0.91	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:14	EPA 7471B	1,7471B	EA
Nickel, Total	9.6		mg/kg	2.3	0.36	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Potassium, Total	960		mg/kg	230	36.	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Sodium, Total	80	J	mg/kg	180	27.	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	0.91	0.09	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC
Zinc, Total	54		mg/kg	4.5	0.64	2	07/11/15 05:03	07/13/15 18:35	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-17
 Client ID: DP-030-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/08/15 10:40
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9000		mg/kg	10	2.0	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.1	0.82	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Arsenic, Total	1.8		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Barium, Total	70		mg/kg	1.0	0.31	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Beryllium, Total	0.79		mg/kg	0.51	0.10	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.0	0.07	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Calcium, Total	2100		mg/kg	10	3.1	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Cobalt, Total	13		mg/kg	2.0	0.51	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Copper, Total	14		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Iron, Total	23000		mg/kg	5.1	2.0	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Lead, Total	55		mg/kg	5.1	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Magnesium, Total	960		mg/kg	10	1.0	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Manganese, Total	1100		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Mercury, Total	0.29		mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:16	EPA 7471B	1,7471B	EA
Nickel, Total	8.6		mg/kg	2.6	0.41	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Potassium, Total	630		mg/kg	260	41.	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Selenium, Total	0.34	J	mg/kg	2.0	0.31	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Sodium, Total	99	J	mg/kg	200	31.	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Vanadium, Total	31		mg/kg	1.0	0.10	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC
Zinc, Total	40		mg/kg	5.1	0.72	2	07/11/15 05:03	07/13/15 18:38	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-18
 Client ID: DP-030-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 81%

Date Collected: 07/08/15 10:45
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	9.6	1.9	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.76	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Arsenic, Total	1.8		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Barium, Total	54		mg/kg	0.96	0.29	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.48	0.10	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Calcium, Total	930		mg/kg	9.6	2.9	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Chromium, Total	20		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Cobalt, Total	9.0		mg/kg	1.9	0.48	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Copper, Total	16		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Iron, Total	25000		mg/kg	4.8	1.9	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Lead, Total	15		mg/kg	4.8	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Magnesium, Total	1500		mg/kg	9.6	0.96	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:18	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.4	0.38	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Potassium, Total	600		mg/kg	240	38.	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Sodium, Total	84	J	mg/kg	190	29.	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Vanadium, Total	31		mg/kg	0.96	0.10	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC
Zinc, Total	35		mg/kg	4.8	0.67	2	07/11/15 05:03	07/13/15 18:42	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-19
 Client ID: DP-029-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/08/15 12:00
 Date Received: 07/08/15
 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 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Antimony, Total	3.1	J	mg/kg	4.5	0.72	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Arsenic, Total	8.2		mg/kg	0.90	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Barium, Total	140		mg/kg	0.90	0.27	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Beryllium, Total	0.40	J	mg/kg	0.45	0.09	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Cadmium, Total	2.2		mg/kg	0.90	0.06	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Calcium, Total	12000		mg/kg	9.0	2.7	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Chromium, Total	38		mg/kg	0.90	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Cobalt, Total	7.4		mg/kg	1.8	0.45	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Copper, Total	250		mg/kg	0.90	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	4.5	1.8	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Lead, Total	570		mg/kg	4.5	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Magnesium, Total	3000		mg/kg	9.0	0.90	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Manganese, Total	240		mg/kg	0.90	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Mercury, Total	1.3		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 21:20	EPA 7471B	1,7471B	EA
Nickel, Total	30		mg/kg	2.3	0.36	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Potassium, Total	540		mg/kg	230	36.	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Silver, Total	0.47	J	mg/kg	0.90	0.18	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Sodium, Total	71	J	mg/kg	180	27.	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.90	0.09	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC
Zinc, Total	400		mg/kg	4.5	0.63	2	07/11/15 05:03	07/13/15 18:46	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-20
 Client ID: DP-029-SO-090-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 80%

Date Collected: 07/08/15 12:05
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	9.8	2.0	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Arsenic, Total	3.0		mg/kg	0.98	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Barium, Total	110		mg/kg	0.98	0.29	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Beryllium, Total	0.32	J	mg/kg	0.49	0.10	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Cadmium, Total	0.28	J	mg/kg	0.98	0.07	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Calcium, Total	43000		mg/kg	9.8	2.9	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Chromium, Total	15		mg/kg	0.98	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Cobalt, Total	6.7		mg/kg	2.0	0.49	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Copper, Total	28		mg/kg	0.98	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Iron, Total	15000		mg/kg	4.9	2.0	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Lead, Total	150		mg/kg	4.9	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Magnesium, Total	1400		mg/kg	9.8	0.98	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Manganese, Total	420		mg/kg	0.98	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Mercury, Total	0.74		mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:22	EPA 7471B	1,7471B	EA
Nickel, Total	9.2		mg/kg	2.4	0.39	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Potassium, Total	670		mg/kg	240	39.	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Selenium, Total	0.40	J	mg/kg	2.0	0.29	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Silver, Total	0.28	J	mg/kg	0.98	0.20	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Sodium, Total	240		mg/kg	200	29.	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Vanadium, Total	18		mg/kg	0.98	0.10	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC
Zinc, Total	170		mg/kg	4.9	0.68	2	07/11/15 05:03	07/13/15 18:50	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-21
 Client ID: DP-029-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/08/15 12:15
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	9.9	2.0	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.79	2	07/11/15 05:03	07/13/15 20:45	EPA 3050B	1,6010C	MC
Arsenic, Total	2.5		mg/kg	0.99	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Barium, Total	54		mg/kg	0.99	0.30	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Beryllium, Total	0.55		mg/kg	0.50	0.10	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.99	0.07	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Calcium, Total	1500		mg/kg	9.9	3.0	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.99	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Cobalt, Total	10		mg/kg	2.0	0.50	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Copper, Total	28		mg/kg	0.99	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	5.0	2.0	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Lead, Total	24		mg/kg	5.0	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Magnesium, Total	2000		mg/kg	9.9	0.99	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Manganese, Total	240		mg/kg	0.99	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 21:23	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.5	0.40	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Potassium, Total	610		mg/kg	250	40.	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.99	0.20	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Sodium, Total	100	J	mg/kg	200	30.	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	0.99	0.10	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC
Zinc, Total	54		mg/kg	5.0	0.70	2	07/11/15 05:03	07/13/15 19:13	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-22
 Client ID: DP-031-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/08/15 12:30
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7500		mg/kg	9.1	1.8	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Antimony, Total	1.4	J	mg/kg	4.6	0.73	2	07/11/15 05:03	07/13/15 20:49	EPA 3050B	1,6010C	MC
Arsenic, Total	3.8		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Barium, Total	84		mg/kg	0.91	0.27	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Beryllium, Total	0.44	J	mg/kg	0.46	0.09	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Cadmium, Total	0.98		mg/kg	0.91	0.06	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Calcium, Total	8400		mg/kg	9.1	2.7	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Chromium, Total	23		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Cobalt, Total	4.6		mg/kg	1.8	0.46	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Copper, Total	42		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Iron, Total	27000		mg/kg	4.6	1.8	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Lead, Total	220		mg/kg	4.6	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Magnesium, Total	2500		mg/kg	9.1	0.91	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Manganese, Total	150		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Mercury, Total	0.31		mg/kg	0.07	0.02	1	07/11/15 09:25	07/11/15 21:25	EPA 7471B	1,7471B	EA
Nickel, Total	20		mg/kg	2.3	0.36	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Potassium, Total	390		mg/kg	230	36.	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Sodium, Total	36	J	mg/kg	180	27.	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Vanadium, Total	29		mg/kg	0.91	0.09	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC
Zinc, Total	220		mg/kg	4.6	0.64	2	07/11/15 05:03	07/13/15 19:17	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-23
 Client ID: DP-031-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 63%

Date Collected: 07/08/15 12:35
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	12	2.5	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Antimony, Total	2.0	J	mg/kg	6.2	0.99	2	07/11/15 05:03	07/13/15 20:53	EPA 3050B	1,6010C	MC
Arsenic, Total	5.4		mg/kg	1.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Barium, Total	56		mg/kg	1.2	0.37	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Beryllium, Total	0.62		mg/kg	0.62	0.12	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	1.2	0.09	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Calcium, Total	2800		mg/kg	12	3.7	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Chromium, Total	22		mg/kg	1.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Cobalt, Total	12		mg/kg	2.5	0.62	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Copper, Total	18		mg/kg	1.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Iron, Total	29000		mg/kg	6.2	2.5	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Lead, Total	36		mg/kg	6.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Magnesium, Total	1800		mg/kg	12	1.2	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Manganese, Total	170		mg/kg	1.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Mercury, Total	0.12		mg/kg	0.10	0.02	1	07/14/15 06:03	07/14/15 13:39	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	3.1	0.49	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Potassium, Total	680		mg/kg	310	49.	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.5	0.37	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.2	0.25	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Sodium, Total	110	J	mg/kg	250	37.	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.5	0.49	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Vanadium, Total	34		mg/kg	1.2	0.12	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC
Zinc, Total	56		mg/kg	6.2	0.86	2	07/11/15 05:03	07/13/15 19:20	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-24
 Client ID: DP-031-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 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	9.6	1.9	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.77	2	07/11/15 05:03	07/13/15 20:57	EPA 3050B	1,6010C	MC
Arsenic, Total	2.6		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Barium, Total	40		mg/kg	0.96	0.29	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Beryllium, Total	0.63		mg/kg	0.48	0.10	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.96	0.07	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Calcium, Total	690		mg/kg	9.6	2.9	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Cobalt, Total	14		mg/kg	1.9	0.48	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Iron, Total	24000		mg/kg	4.8	1.9	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Lead, Total	17		mg/kg	4.8	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	9.6	0.96	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Manganese, Total	460		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 13:47	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.4	0.38	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Potassium, Total	430		mg/kg	240	38.	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.96	0.19	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Sodium, Total	71	J	mg/kg	190	29.	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Vanadium, Total	26		mg/kg	0.96	0.10	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC
Zinc, Total	34		mg/kg	4.8	0.67	2	07/11/15 05:03	07/13/15 19:24	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-25
 Client ID: DP-031-SO-110-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 82%

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 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 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.7	0.76	2	07/11/15 05:03	07/13/15 21:00	EPA 3050B	1,6010C	MC
Arsenic, Total	2.4		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Barium, Total	60		mg/kg	0.94	0.28	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Beryllium, Total	0.58		mg/kg	0.47	0.09	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.94	0.07	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Calcium, Total	720		mg/kg	9.4	2.8	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Chromium, Total	17		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Cobalt, Total	11		mg/kg	1.9	0.47	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Copper, Total	15		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Iron, Total	24000		mg/kg	4.7	1.9	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Lead, Total	15		mg/kg	4.7	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Magnesium, Total	1700		mg/kg	9.4	0.94	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Manganese, Total	370		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 13:48	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.4	0.38	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Potassium, Total	460		mg/kg	240	38.	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.94	0.19	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Sodium, Total	78	J	mg/kg	190	28.	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Vanadium, Total	27		mg/kg	0.94	0.09	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC
Zinc, Total	35		mg/kg	4.7	0.66	2	07/11/15 05:03	07/13/15 19:28	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-26
 Client ID: DP-032-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/08/15 13:10
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	8.7	1.7	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Antimony, Total	2.0	J	mg/kg	4.4	0.70	2	07/11/15 05:03	07/13/15 21:04	EPA 3050B	1,6010C	MC
Arsenic, Total	3.6		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Barium, Total	87		mg/kg	0.87	0.26	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.29	J	mg/kg	0.44	0.09	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Cadmium, Total	1.2		mg/kg	0.87	0.06	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Calcium, Total	25000		mg/kg	8.7	2.6	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Cobalt, Total	5.6		mg/kg	1.7	0.44	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Copper, Total	100		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Iron, Total	21000		mg/kg	4.4	1.7	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Lead, Total	230		mg/kg	4.4	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Magnesium, Total	2800		mg/kg	8.7	0.87	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.11		mg/kg	0.07	0.02	1	07/14/15 06:03	07/14/15 13:50	EPA 7471B	1,7471B	DB
Nickel, Total	24		mg/kg	2.2	0.35	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Potassium, Total	630		mg/kg	220	35.	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Silver, Total	0.26	J	mg/kg	0.87	0.17	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Sodium, Total	53	J	mg/kg	170	26.	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.87	0.09	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC
Zinc, Total	230		mg/kg	4.4	0.61	2	07/11/15 05:03	07/13/15 19:31	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-27
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	13000		mg/kg	9.7	1.9	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.78	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Arsenic, Total	4.4		mg/kg	0.97	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Barium, Total	100		mg/kg	0.97	0.29	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Beryllium, Total	0.52		mg/kg	0.48	0.10	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Cadmium, Total	0.26	J	mg/kg	0.97	0.07	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Calcium, Total	3200		mg/kg	9.7	2.9	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Chromium, Total	28		mg/kg	0.97	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Cobalt, Total	6.0		mg/kg	1.9	0.48	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Copper, Total	40		mg/kg	0.97	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Iron, Total	31000		mg/kg	4.8	1.9	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Lead, Total	200		mg/kg	4.8	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Magnesium, Total	1200		mg/kg	9.7	0.97	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	0.97	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Mercury, Total	0.71		mg/kg	0.08	0.02	1	07/14/15 06:03	07/14/15 13:52	EPA 7471B	1,7471B	DB
Nickel, Total	9.6		mg/kg	2.4	0.39	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Potassium, Total	820		mg/kg	240	39.	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Selenium, Total	0.40	J	mg/kg	1.9	0.29	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Sodium, Total	120	J	mg/kg	190	29.	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Vanadium, Total	42		mg/kg	0.97	0.10	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC
Zinc, Total	280		mg/kg	4.8	0.68	2	07/11/15 12:00	07/14/15 17:01	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-28
 Client ID: DP-032-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/08/15 13:40
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.8	2.0	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Arsenic, Total	5.9		mg/kg	0.98	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Barium, Total	66		mg/kg	0.98	0.29	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Beryllium, Total	0.74		mg/kg	0.49	0.10	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.98	0.07	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Calcium, Total	1200		mg/kg	9.8	2.9	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Chromium, Total	23		mg/kg	0.98	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Cobalt, Total	9.7		mg/kg	2.0	0.49	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Copper, Total	17		mg/kg	0.98	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Iron, Total	30000		mg/kg	4.9	2.0	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Lead, Total	19		mg/kg	4.9	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	9.8	0.98	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Manganese, Total	190		mg/kg	0.98	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Mercury, Total	0.07	J	mg/kg	0.09	0.02	1	07/14/15 06:03	07/14/15 13:57	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	2.4	0.39	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Potassium, Total	780		mg/kg	240	39.	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.29	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.98	0.20	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Sodium, Total	83	J	mg/kg	200	29.	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.39	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Vanadium, Total	34		mg/kg	0.98	0.10	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC
Zinc, Total	40		mg/kg	4.9	0.68	2	07/11/15 12:00	07/14/15 17:24	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 02 Batch: WG801487-1										
Aluminum, Total	ND		ug/l	100	20.	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Antimony, Total	ND		ug/l	50.0	8.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Arsenic, Total	4.70	J	ug/l	5.00	2.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Barium, Total	ND		ug/l	10.0	3.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Calcium, Total	ND		ug/l	100	30.	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Chromium, Total	ND		ug/l	10	2.0	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Copper, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Iron, Total	ND		ug/l	50	20.	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Lead, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Magnesium, Total	ND		ug/l	100	10.	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Manganese, Total	ND		ug/l	10.0	2.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Nickel, Total	ND		ug/l	25.0	4.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Potassium, Total	ND		ug/l	2500	400	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Selenium, Total	ND		ug/l	10.0	3.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Silver, Total	ND		ug/l	7.00	2.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Sodium, Total	ND		ug/l	2000	300	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Thallium, Total	ND		ug/l	20.0	4.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC
Zinc, Total	ND		ug/l	50.0	7.00	1	07/10/15 11:57	07/14/15 15:57	1,6010C	MC

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: WG801595-1										
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/10/15 13:33	07/10/15 19:34	1,7470A	EA



Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 03-06 Batch: WG801675-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Barium, Total	ND	mg/kg	0.40	0.12	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Copper, Total	ND	mg/kg	0.40	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Iron, Total	ND	mg/kg	2.0	0.80	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Lead, Total	ND	mg/kg	2.0	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Potassium, Total	ND	mg/kg	100	16.	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Silver, Total	ND	mg/kg	0.40	0.08	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Sodium, Total	ND	mg/kg	80	12.	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/10/15 16:35	07/13/15 21:14	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 03-22 Batch: WG801798-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/11/15 09:25	07/11/15 20:34	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst	
Total Metals - Westborough Lab for sample(s): 07-26 Batch: WG801801-1										
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Barium, Total	ND	mg/kg	0.40	0.12	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Copper, Total	ND	mg/kg	0.40	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Iron, Total	1.4	J	mg/kg	2.0	0.80	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Potassium, Total	ND	mg/kg	100	16.	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Silver, Total	ND	mg/kg	0.40	0.08	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Sodium, Total	ND	mg/kg	80	12.	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/11/15 05:03	07/13/15 15:33	1,6010C	MC	

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Method Blank Analysis Batch Quality Control

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): 27-28 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
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



Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

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): 23-28 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG801487-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	83		-		80-120	-		
Arsenic, Total	116		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	117		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Cobalt, Total	105		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	105		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	119		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	109		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG801487-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG801595-2					
Mercury, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-06 Batch: WG801675-2 SRM Lot Number: D088-540					
Aluminum, Total	83	-	48-151	-	
Antimony, Total	187	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	102	-	83-117	-	
Cadmium, Total	98	-	83-117	-	
Calcium, Total	92	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	96	-	45-155	-	
Lead, Total	95	-	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	103	-	75-124	-	
Sodium, Total	94	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-06 Batch: WG801675-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 03-22 Batch: WG801798-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-26 Batch: WG801801-2 SRM Lot Number: D088-540					
Aluminum, Total	79	-	48-151	-	
Antimony, Total	150	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	92	-	83-117	-	
Calcium, Total	87	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	103	-	45-155	-	
Lead, Total	92	-	81-117	-	
Magnesium, Total	88	-	76-124	-	
Manganese, Total	93	-	81-118	-	
Nickel, Total	92	-	83-117	-	
Potassium, Total	86	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	95	-	72-127	-	
Thallium, Total	95	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-26 Batch: WG801801-2 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: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27-28 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: L1515600

Report Date: 07/17/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27-28 Batch: WG801839-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 23-28 Batch: WG802297-2 SRM Lot Number: D088-540					
Mercury, Total	94	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG801487-4 QC Sample: L1515600-02 Client ID: EB01-070815												
Aluminum, Total	ND	2000	2200	110		-	-		75-125	-		20
Antimony, Total	ND	500	426	85		-	-		75-125	-		20
Arsenic, Total	5.30	120	143	115		-	-		75-125	-		20
Barium, Total	ND	2000	2160	108		-	-		75-125	-		20
Beryllium, Total	ND	50	54.5	109		-	-		75-125	-		20
Cadmium, Total	ND	51	59.5	117		-	-		75-125	-		20
Calcium, Total	97.J	10000	10000	100		-	-		75-125	-		20
Chromium, Total	ND	200	210	105		-	-		75-125	-		20
Cobalt, Total	ND	500	528	106		-	-		75-125	-		20
Copper, Total	ND	250	270	108		-	-		75-125	-		20
Iron, Total	82.	1000	1100	102		-	-		75-125	-		20
Lead, Total	ND	510	576	113		-	-		75-125	-		20
Magnesium, Total	16.J	10000	11000	110		-	-		75-125	-		20
Manganese, Total	ND	500	531	106		-	-		75-125	-		20
Nickel, Total	ND	500	536	107		-	-		75-125	-		20
Potassium, Total	ND	10000	11000	110		-	-		75-125	-		20
Selenium, Total	ND	120	146	122		-	-		75-125	-		20
Silver, Total	ND	50	52.6	105		-	-		75-125	-		20
Sodium, Total	ND	10000	11000	110		-	-		75-125	-		20
Thallium, Total	ND	120	134	112		-	-		75-125	-		20
Vanadium, Total	ND	500	554	111		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: WG801487-4 QC Sample: L1515600-02 Client ID: EB01-070815									
Zinc, Total	ND	500	533	107	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG801595-4 QC Sample: L1515522-02 Client ID: MS Sample									
Mercury, Total	ND	5	5.137	103	-	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 03-06 QC Batch ID: WG801675-4 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01									
Aluminum, Total	7500	199	12000	2260	Q	-	75-125	-	20
Antimony, Total	ND	49.8	36	72	Q	-	75-125	-	20
Arsenic, Total	11.	11.9	25	117		-	75-125	-	20
Barium, Total	68.	199	260	96		-	75-125	-	20
Beryllium, Total	0.60	4.98	5.5	98		-	75-125	-	20
Cadmium, Total	ND	5.08	5.0	98		-	75-125	-	20
Calcium, Total	3500	995	2600	0	Q	-	75-125	-	20
Chromium, Total	16.	19.9	40	120		-	75-125	-	20
Cobalt, Total	13.	49.8	53	80		-	75-125	-	20
Copper, Total	11.	24.9	34	92		-	75-125	-	20
Iron, Total	18000	99.5	24000	6030	Q	-	75-125	-	20
Lead, Total	42.	50.8	65	45	Q	-	75-125	-	20
Magnesium, Total	810	995	1900	110		-	75-125	-	20
Manganese, Total	200	49.8	330	261	Q	-	75-125	-	20
Nickel, Total	7.3	49.8	53	92		-	75-125	-	20
Potassium, Total	590	995	1600	101		-	75-125	-	20
Selenium, Total	ND	11.9	9.7	81		-	75-125	-	20
Silver, Total	ND	29.8	28	94		-	75-125	-	20
Sodium, Total	78.J	995	1000	100		-	75-125	-	20
Thallium, Total	ND	11.9	10	84		-	75-125	-	20
Vanadium, Total	26.	49.8	81	110		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 03-06 QC Batch ID: WG801675-4 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01									
Zinc, Total	37.	49.8	84	94	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 03-22 QC Batch ID: WG801798-4 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01									
Mercury, Total	0.06J	0.174	0.30	172	Q	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 07-26 QC Batch ID: WG801801-4 QC Sample: L1515600-07 Client ID: DP-023-SO-100-01									
Aluminum, Total	7800	202	11000	1580	Q	-	75-125	-	20
Antimony, Total	ND	50.4	40	79		-	75-125	-	20
Arsenic, Total	2.3	12.1	15	105		-	75-125	-	20
Barium, Total	49.	202	260	104		-	75-125	-	20
Beryllium, Total	0.56	5.04	5.7	102		-	75-125	-	20
Cadmium, Total	ND	5.14	5.2	101		-	75-125	-	20
Calcium, Total	1300	1010	2200	89		-	75-125	-	20
Chromium, Total	19.	20.2	40	104		-	75-125	-	20
Cobalt, Total	9.3	50.4	58	96		-	75-125	-	20
Copper, Total	9.2	25.2	38	114		-	75-125	-	20
Iron, Total	18000	101	20000	1980	Q	-	75-125	-	20
Lead, Total	23.	51.4	68	87		-	75-125	-	20
Magnesium, Total	840	1010	2000	115		-	75-125	-	20
Manganese, Total	260	50.4	220	0	Q	-	75-125	-	20
Nickel, Total	7.1	50.4	57	99		-	75-125	-	20
Potassium, Total	660	1010	1800	113		-	75-125	-	20
Selenium, Total	0.32J	12.1	11	91		-	75-125	-	20
Silver, Total	ND	30.3	30	99		-	75-125	-	20
Sodium, Total	87.J	1010	1100	109		-	75-125	-	20
Thallium, Total	ND	12.1	11	91		-	75-125	-	20
Vanadium, Total	30.	50.4	87	113		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 07-26 QC Batch ID: WG801801-4 QC Sample: L1515600-07 Client ID: DP-023-SO-100-01									
Zinc, Total	26.	50.4	80	107	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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): 27-28 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: L1515600
Report Date: 07/17/15

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): 27-28 QC Batch ID: WG801839-4 QC Sample: L1515627-01 Client ID: MS Sample									
Zinc, Total	13.	44.8	59	103	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 23-28 QC Batch ID: WG802297-4 QC Sample: L1515600-23 Client ID: DP-031-SO-100-01									
Mercury, Total	0.12	0.207	0.34	106	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG801487-3 QC Sample: L1515600-02 Client ID: EB01-070815						
Aluminum, Total	ND	ND	ug/l	NC		20
Antimony, Total	ND	ND	ug/l	NC		20
Arsenic, Total	5.30	5.60	ug/l	6		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	97.J	95.J	ug/l	NC		20
Chromium, Total	ND	ND	ug/l	NC		20
Cobalt, Total	ND	ND	ug/l	NC		20
Copper, Total	ND	ND	ug/l	NC		20
Iron, Total	82.	79	ug/l	4		20
Lead, Total	ND	ND	ug/l	NC		20
Magnesium, Total	16.J	ND	ug/l	NC		20
Manganese, Total	ND	ND	ug/l	NC		20
Nickel, Total	ND	ND	ug/l	NC		20
Potassium, Total	ND	ND	ug/l	NC		20
Selenium, Total	ND	ND	ug/l	NC		20
Silver, Total	ND	ND	ug/l	NC		20
Sodium, Total	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG801487-3 QC Sample: L1515600-02 Client ID: EB01-070815					
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): 02 QC Batch ID: WG801595-3 QC Sample: L1515522-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	ug/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG801675-3 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01					
Aluminum, Total	7500	9700	mg/kg	26	Q 20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	11.	11	mg/kg	0	20
Barium, Total	68.	53	mg/kg	25	Q 20
Beryllium, Total	0.60	0.56	mg/kg	7	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	3500	2500	mg/kg	33	Q 20
Chromium, Total	16.	17	mg/kg	6	20
Cobalt, Total	13.	7.8	mg/kg	50	Q 20
Copper, Total	11.	11	mg/kg	0	20
Iron, Total	18000	20000	mg/kg	11	20
Lead, Total	42.	24	mg/kg	55	Q 20
Magnesium, Total	810	1000	mg/kg	21	Q 20
Manganese, Total	200	240	mg/kg	18	20
Nickel, Total	7.3	8.1	mg/kg	10	20
Potassium, Total	590	740	mg/kg	23	Q 20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	78.J	91J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG801675-3 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	26.	30	mg/kg	14	20
Zinc, Total	37.	34	mg/kg	8	20
Total Metals - Westborough Lab Associated sample(s): 03-22 QC Batch ID: WG801798-3 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01					
Mercury, Total	0.06J	0.22	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-26 QC Batch ID: WG801801-3 QC Sample: L1515600-07 Client ID: DP-023-SO-100-01					
Aluminum, Total	7800	9400	mg/kg	19	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.3	1.4	mg/kg	49	Q 20
Barium, Total	49.	49	mg/kg	0	20
Beryllium, Total	0.56	0.50	mg/kg	11	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	1300	1100	mg/kg	17	20
Chromium, Total	19.	22	mg/kg	15	20
Cobalt, Total	9.3	5.5	mg/kg	51	Q 20
Copper, Total	9.2	9.0	mg/kg	2	20
Iron, Total	18000	22000	mg/kg	20	20
Lead, Total	23.	14	mg/kg	49	Q 20
Magnesium, Total	840	960	mg/kg	13	20
Manganese, Total	260	190	mg/kg	31	Q 20
Nickel, Total	7.1	7.5	mg/kg	5	20
Potassium, Total	660	760	mg/kg	14	20
Selenium, Total	0.32J	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	87.J	87J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-26 QC Batch ID: WG801801-3 QC Sample: L1515600-07 Client ID: DP-023-SO-100-01					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	30.	35	mg/kg	15	20
Zinc, Total	26.	25	mg/kg	4	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27-28 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: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27-28 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
Total Metals - Westborough Lab Associated sample(s): 23-28 QC Batch ID: WG802297-3 QC Sample: L1515600-23 Client ID: DP-031-SO-100-01					
Mercury, Total	0.12	0.11	mg/kg	9	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-03
Client ID: DP-024-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 08:05
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-04
Client ID: DP-024-SO-100-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 08:05
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-05
Client ID: DP-023-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 08:13
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-06
 Client ID: DP-023-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-07
Client ID: DP-023-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 08:18
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-08
 Client ID: DP-026-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-09
Client ID: DP-027-SO-010-01
Sample Location: Not Specified
Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-10
 Client ID: DP-027-SO-080-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 09:18
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.7		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-11
 Client ID: DP-027-SO-115-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 09:30
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-12
Client ID: DP-028-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 09:50
Date Received: 07/08/15
Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-13
 Client ID: DP-028-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-14
Client ID: DP-028-SO-095-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 09:55
Date Received: 07/08/15
Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-15
 Client ID: DP-028-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 10:05
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.6		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-16
 Client ID: DP-030-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 10:33
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-17
Client ID: DP-030-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 10:40
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-18
 Client ID: DP-030-SO-125-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 10:45
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-19
 Client ID: DP-029-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:00
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-20
 Client ID: DP-029-SO-090-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:05
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-21
 Client ID: DP-029-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:15
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-22
 Client ID: DP-031-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:30
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-23
Client ID: DP-031-SO-100-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/08/15 12:35
Date Received: 07/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.3		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515600

Project Number: 40223-002

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-24
 Client ID: DP-031-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-25
 Client ID: DP-031-SO-110-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:45
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-26
 Client ID: DP-032-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 13:10
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-27
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

SAMPLE RESULTS

Lab ID: L1515600-28
 Client ID: DP-032-SO-110-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 13:40
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-22 QC Batch ID: WG801350-1 QC Sample: L1515600-03 Client ID: DP-024-SO-100-01						
Solids, Total	79.3	77.7	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 23-28 QC Batch ID: WG801352-1 QC Sample: L1515600-23 Client ID: DP-031-SO-100-01						
Solids, Total	63.3	65.8	%	4		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-01A	Vial HCl preserved	B	N/A	4.3	Y	Absent	PA-8260(14)
L1515600-01B	Vial HCl preserved	B	N/A	4.3	Y	Absent	PA-8260(14)
L1515600-02A	Vial HCl preserved	B	N/A	4.3	Y	Absent	PA-8260(14)
L1515600-02B	Vial HCl preserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515600-02C	Vial HCl preserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515600-02D	Plastic 250ml HNO3 preserved	B	<2	4.3	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)
L1515600-02E	Amber 1000ml unpreserved	B	7	4.3	Y	Absent	PA-TPH-DROD-C44(7)
L1515600-02G	Amber 1000ml unpreserved	B	7	4.3	Y	Absent	PA-8270(7)
L1515600-03A	Glass 250ml/8oz unpreserved	B	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)
L1515600-03B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-03B9	Vial Large Septa unpreserved (4o	B	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: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-04A	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),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)
L1515600-04A9	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-05A	Glass 250ml/8oz unpreserved	B	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)
L1515600-05B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-05B9	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-06A	Glass 250ml/8oz unpreserved	B	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)
L1515600-06B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-06B9	Vial Large Septa unpreserved (4o	B	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: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-07A	Glass 250ml/8oz unpreserved	B	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)
L1515600-07B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-07B9	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-08A	Glass 250ml/8oz unpreserved	B	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)
L1515600-08B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-08B9	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-09A	Glass 250ml/8oz unpreserved	B	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)
L1515600-09B	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-09B9	Vial Large Septa unpreserved (4o	B	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: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-10A	Vial Large Septa unpreserved (4o	B	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)
L1515600-10B	Vial Large Septa unpreserved (4o	B	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)
L1515600-10C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-10C9	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-11A	Vial Large Septa unpreserved (4o	B	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)
L1515600-11B	Vial Large Septa unpreserved (4o	B	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)
L1515600-11C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-11C9	Vial Large Septa unpreserved (4o	B	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: L1515600
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-12A	Vial Large Septa unpreserved (4o	B	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)
L1515600-12B	Vial Large Septa unpreserved (4o	B	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)
L1515600-12C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-12C9	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-13A	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),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)
L1515600-13A9	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-14A	Vial Large Septa unpreserved (4o	B	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: L1515600
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-14B	Vial Large Septa unpreserved (4o	B	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)
L1515600-14C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-14C9	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-15A	Vial Large Septa unpreserved (4o	B	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)
L1515600-15B	Vial Large Septa unpreserved (4o	B	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)
L1515600-15C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-15C9	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-16A	Vial Large Septa unpreserved (4o	B	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: L1515600
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-16B	Vial Large Septa unpreserved (4o	B	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)
L1515600-16C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-16C9	Glass 250ml/8oz unpreserved	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-17A	Vial Large Septa unpreserved (4o	B	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)
L1515600-17B	Vial Large Septa unpreserved (4o	B	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)
L1515600-17C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-17C9	Vial MeOH preserved split	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-18A	Vial Large Septa unpreserved (4o	B	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: L1515600
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-18B	Vial Large Septa unpreserved (4o	B	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)
L1515600-18C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-18C9	Vial MeOH preserved split	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-19A	Vial Large Septa unpreserved (4o	B	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)
L1515600-19B	Vial Large Septa unpreserved (4o	B	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)
L1515600-19C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-19C9	Vial MeOH preserved split	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-20A	Vial Large Septa unpreserved (4o	B	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: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-20B	Vial Large Septa unpreserved (4o	B	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)
L1515600-20C	Vial Large Septa unpreserved (4o	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-20C9	Vial MeOH preserved split	B	N/A	4.3	Y	Absent	PA-TPH-GRO(14)
L1515600-21A	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-21B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-21C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-21C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-22A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-22B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-22C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-22C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-23A	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-23B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-23C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-23C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-24A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-24B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-24C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-24C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-25A	Glass 250ml/8oz unpreserved	A	N/A	4.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),PA-TPH-GRO(14),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)
L1515600-25A9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-26A	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-26B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-26C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515600

Report Date: 07/17/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-26C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-27A	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-27B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-27C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515600-27C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)
L1515600-28A	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-28B	Vial Large Septa unpreserved (4o	A	N/A	4.7	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)
L1515600-28C	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT**Project Number:** 40223-002**Lab Number:** L1515600**Report Date:** 07/17/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515600-28C9	Vial MeOH preserved split	A	N/A	4.7	Y	Absent	PA-TPH-GRO(14)

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515600
Report Date: 07/17/15

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: L1515600
Report Date: 07/17/15

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: L1515600
Report Date: 07/17/15

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

Last revised December 16, 2014

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

Westborough Facility

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

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

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

EPA 625: 4-Chloroaniline, 4-Methylphenol.

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

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

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

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

Drinking Water

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

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

EPA 332: Perchlorate.

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

Non-Potable Water

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

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

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

EPA 624: Volatile Halocarbons & Aromatics,

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

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

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

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

CHAIN OF CUSTODY

PAGE 1 OF 3



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

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

Date Rec'd in Lab: 7/9/15

ALPHA Job #: L1515600

Client Information

Client: Haley+Aldrich
Address: 6333 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!)

Date Due: Time:

Email: dkennerd@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hold 4oz jar for VOC

ANALYSIS

TAL Metals (EPA 600)
TPH 56-C44 (EPA 8015)
PAH (EPA 8270C)
VOCs (EPA 8260B)

TOTAL # BOTTLES

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis										Sample Specific Comments	TOTAL # BOTTLES				
		Date	Time			1	2	3	4	5	6	7	8	9	10						
<u>15600-01</u>	<u>TB01-070815</u>	<u>7/8/15</u>	<u>0800</u>	<u>W</u>	<u>T.N.</u>																
<u>02</u>	<u>EB01-070815</u>		<u>1105</u>	<u>W</u>		<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>												
<u>03</u>	<u>DP-024-50-100-01</u>		<u>0805</u>	<u>SO</u>		<u>X</u>	<u>X</u>	<u>X</u>													
<u>04</u>	<u>DP-024-50-100-02</u>		<u>0805</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>05</u>	<u>DP-023-50-010-01</u>		<u>0813</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>06</u>	<u>DP-023-50-056-01</u>		<u>0815</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>07</u>	<u>DP-023-50-100-01</u>		<u>0818</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>08</u>	<u>DP-026-50-125-01</u>		<u>0855</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>09</u>	<u>DP-027-50-010-01</u>		<u>0915</u>			<u>X</u>	<u>X</u>	<u>X</u>													
<u>10</u>	<u>DP-027-50-080-01</u>		<u>0918</u>			<u>X</u>	<u>X</u>	<u>X</u>													

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/8/15 19:45</u>	<u>[Signature]</u>	<u>7/8/15 19:15</u>
<u>[Signature]</u>	<u>7/9/15 14:00</u>	<u>[Signature]</u>	<u>7/8/15 18:00</u>
<u>[Signature]</u>	<u>7/15 6:45</u>	<u>[Signature]</u>	<u>7/9/15 6:45</u>
<u>[Signature]</u>	<u>7/9/15 10:50</u>	<u>[Signature]</u>	<u>7/9/15 16:50</u>

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

CHAIN OF CUSTODY

PAGE 2 OF 3



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

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

Date Rec'd in Lab: 7/9/15 ALPHA Job #: L1515600

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: dkennard@haleyaldrich.com

Date Due: Time:

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
held 1 4oz jar for VOC

ANALYSIS

*TAL Metals (EPA 606)
TPH C6-C14 (EPA 8015)
PAH (EPA 8270 C)*

TOTAL # BOTTLES

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			TAL Metals (EPA 606)	TPH C6-C14 (EPA 8015)	PAH (EPA 8270 C)	
<u>156671</u>	<u>DP-027-S0-115-01</u>	<u>7/8/15</u>	<u>0930</u>	<u>SO</u>	<u>T.N.</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>12</u>	<u>DP-028-S0-010-01</u>		<u>0950</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>13</u>	<u>DP-028-S0-010-02</u>		<u>0950</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>
<u>14</u>	<u>DP-028-S0-095-01</u>		<u>0955</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>15</u>	<u>DP-028-S0-110-01</u>		<u>1005</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>16</u>	<u>DP-030-S0-010-01</u>		<u>1033</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>17</u>	<u>DP-030-S0-100-01</u>		<u>1040</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>18</u>	<u>DP-030-S0-125-01</u>		<u>1045</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>3</u>
<u>19</u>	<u>DP-029-S0-010-01</u>		<u>1200</u>			<u>X</u>	<u>X</u>	<u>X</u>	
<u>20</u>	<u>DP-029-S0-090-01</u>		<u>1205</u>			<u>X</u>	<u>X</u>	<u>X</u>	

Container Type	
Preservative	

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/8/15 1445</u>	<u>[Signature]</u>	<u>7/15 1415</u>
<u>[Signature]</u>	<u>7/8/15</u>	<u>[Signature]</u>	<u>7/18/15 18:00</u>
<u>[Signature]</u>	<u>7/15 6:45</u>	<u>[Signature]</u>	<u>7/15 6:45</u>
<u>[Signature]</u>	<u>7/9/15 10:50</u>	<u>[Signature]</u>	<u>7/9/15 10:50</u>

CHAIN OF CUSTODY



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: 7/12/15

ALPHA Job #: L1515600

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)

Date Due: Time:

Email: jkennard@haleypaldrich.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 (EPA 6010)
TPH (6-444) (EPA 806)
PAH (EPA 8270C)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Preservation
 Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (EPA 6010)	TPH (6-444) (EPA 806)	PAH (EPA 8270C)		
<u>15602-21</u>	<u>DP-029-SO-105-01</u>	<u>7/8/15</u>	<u>1215</u>	<u>SO</u>	<u>T.N</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>22</u>	<u>DP-031-SO-010-01</u>		<u>1230</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>23</u>	<u>DP-031-SO-100-01</u>		<u>1235</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>24</u>	<u>DP-031-SO-110-01</u>		<u>1245</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>25</u>	<u>DP-031-SO-110-02</u>		<u>1245</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>1</u>
<u>26</u>	<u>DP-032-SO-010-01</u>		<u>1310</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>27</u>	<u>DP-032-SO-105-01</u>		<u>1335</u>			<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>28</u>	<u>DP-032-SO-110-01</u>		<u>1340</u>			<u>X</u>	<u>X</u>	<u>X</u>		

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

[Signature] 7/8/15 1445 AAL [Signature] 7/8/15 1800
[Signature] 7/9/15 6:45 AAL [Signature] 7/9/15 6:45
[Signature] 7/9/15 10:40 [Signature] 7/9/15 10:50

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



ANALYTICAL REPORT

Lab Number:	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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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
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

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						
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
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

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
 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

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
 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
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: 1,8260C
 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
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: 1,8260C
 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
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: 1,8260C
 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

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
 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

Lab Number: L1515823

Project Number: 40223-002

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
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: 1,8260C
 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

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-21 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		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
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

Lab Number: L1515823

Project Number: 40223-002

Report Date: 07/20/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
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		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
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**Lab Number:** L1515823**Project Number:** 40223-002**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**Lab Number:** L1515823**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515823-27 D2

Date Collected: 07/09/15 13:22

Client ID: DP-040-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 13:12

Analyst: PS

Percent Solids: 84%

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
Client ID: DP-044-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/16/15 13:38
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						
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
Semivolatile 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
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

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
-----------	------------------	------	-------------------	------	---------------------	-----	------	---------------

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> <i>Criteria</i>
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
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

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> <i>Criteria</i>
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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	378	J	ug/l	538	22.6	1
---------------	-----	---	------	-----	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/l	50	3.0	1
-------------------------	----	--	------	----	-----	---

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

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
 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	4.2		mg/kg	2.9	0.055	1
-------------------------	-----	--	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	3360		mg/kg	375	41.9	10
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	36.		mg/kg	2.6	0.051	1
-------------------------	-----	--	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	942.		mg/kg	176	19.7	5
---------------	------	--	-------	-----	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	37.9	4.23	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	67		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.7	J	mg/kg	35.7	3.99	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	15.6	J	mg/kg	37.2	4.15	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		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: L1515823-08
 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**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: 07/17/15 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

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

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7.34	J	mg/kg	37.8	4.22	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	25.0	J	mg/kg	37.9	4.23	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	40.1	4.48	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

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	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.5	4.30	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.8	4.33	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	37.0	4.13	1
---------------	----	--	-------	------	------	---

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
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.4	4.28	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.6	4.30	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
--	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	62.5		mg/kg	36.8	4.11	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	53		40-140

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: 07/17/15 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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	36.9	4.12	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	1.5	J	mg/kg	2.9	0.055	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	37.9	4.23	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: L1515823-19
 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	3.8		mg/kg	2.7	0.052	1
-------------------------	-----	--	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	451.		mg/kg	72.2	8.05	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		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: 07/12/15 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.2	4.27	1
---------------	----	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT**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
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
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1780		mg/kg	731	81.6	20
---------------	------	--	-------	-----	------	----

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

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	59.8		mg/kg	37.8	4.22	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	120.		mg/kg	38.9	4.34	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

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

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
--	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		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: L1515823-27 D

Date Collected: 07/09/15 13:22

Client ID: DP-040-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 13:37

Analyst: AR

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab

DROD (C9-C44)	987.		mg/kg	391	43.6	10
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	43.8		mg/kg	42.2	4.71	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	3.1	J	mg/kg	3.2	0.061	1
-------------------------	-----	---	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.20	J	mg/kg	45.8	5.11	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.2	0.063	1
-------------------------	----	--	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	42.8	J	mg/kg	45.0	5.02	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.2	0.062	1
-------------------------	----	--	-------	-----	-------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	71.5		mg/kg	39.4	4.40	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

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: 07/17/15 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1100		mg/kg	374	41.8	10
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.88	J	mg/kg	43.2	4.82	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.3	0.063	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	106		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.69	J	mg/kg	47.4	5.30	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: L1515823-34
 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.4	0.065	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1350		mg/kg	752	83.9	20
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	160.		mg/kg	44.8	4.99	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.4	0.065	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	10.7	J	mg/kg	40.6	4.54	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.059	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	842.		mg/kg	399	44.6	10
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	11.7	J	mg/kg	39.9	4.46	1
---------------	------	---	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	838.		mg/kg	784	87.5	20
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	396.		mg/kg	212	23.6	5
---------------	------	--	-------	-----	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	12.6	J	mg/kg	39.3	4.39	1
---------------	------	---	-------	------	------	---

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
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
 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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	6090		mg/kg	771	86.0	20
---------------	------	--	-------	-----	------	----

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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	62.6		mg/kg	46.2	5.16	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.3	0.063	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: 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: 07/13/15 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
-----------	--------	-----------	-------	----	-----	-----------------

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	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	78.5		mg/kg	38.3	4.28	1
---------------	------	--	-------	------	------	---

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
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	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
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	304.		mg/kg	38.4	4.28	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515823**Project Number:** 40223-002**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
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	0.70	J	mg/kg	2.9	0.056	1

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

Lab Number: L1515823

Project Number: 40223-002

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	<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): 03-04,06-19,21-22 Batch: WG801730-2								
Total Petroleum Hydrocarbons (C9-C44)	74		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	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	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 02 Batch: WG801749-2 WG801749-3								
DROD (C9-C44)	90		88		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
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	<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): 23-42 Batch: WG801808-2								
Total Petroleum Hydrocarbons (C9-C44)	75		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	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	<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
Gasoline Range Organics - Westborough Lab Associated sample(s): 08-19 Batch: WG803819-1 WG803819-2								
Gasoline Range Organics	89		92		80-120	3		20

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
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	<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
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

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
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</i>		<i>MSD</i>		<i>Acceptance Criteria</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</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
---------------------------------------	------	------	-------	---	----

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					
--	--	--	--	--	--

Total Petroleum Hydrocarbons (C9-C44)	ND	ND	mg/kg	NC	40
---------------------------------------	----	----	-------	----	----

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

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: 1,8082A
 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
Project Number: 40223-002

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

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/11/15 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 Criteria	Column
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	Column
			Criteria	
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

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): 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

Lab Number: L1515823

Project Number: 40223-002

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

Lab Number: L1515823

Project Number: 40223-002

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

Lab Number: L1515823

Project Number: 40223-002

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

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

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

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

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

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

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

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

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

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

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

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

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

Lab Number: L1515823

Project Number: 40223-002

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

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

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

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

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

Lab Number: L1515823

Project Number: 40223-002

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

Lab Number: L1515823

Project Number: 40223-002

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

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

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

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

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

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

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

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

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

Lab Number: L1515823

Project Number: 40223-002

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

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

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

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

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

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

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

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

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

Lab Number: L1515823

Project Number: 40223-002

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

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

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

Lab Number: L1515823

Project Number: 40223-002

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

Project Number: 40223-002

Lab Number: L1515823

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 1 OF

Date Rec'd in Lab: 7/9/15

ALPHA Job #: L1575823



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

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

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego CA 92108

Phone: 619-285-7122

Fax:

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1-4oz jar for voc

ANALYSIS	TAZ Metals (EPA6010)	TPH C6-c44 (EPA 8015)	PAH (EPA 8270C)	VOC (EPA 8260B)	PCB's (EPA 8052)	SAMPLE HANDLING		TOTAL # BOTTLES
						Filtration	Preservation	
						<input type="checkbox"/> Done	<input type="checkbox"/> Lab to do	
						<input type="checkbox"/> Not needed	<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			TAZ Metals (EPA6010)	TPH C6-c44 (EPA 8015)	PAH (EPA 8270C)	VOC (EPA 8260B)	PCB's (EPA 8052)	Filtration			Preservation
15823 71	TB01-070915	7/9/15	0730	W	T.N.									2
72	EB01-070915		1516	W		X	X	X	X	X				7
73	DP-033-50-010-01		0755	SO		X	X	X						2
74	DP-033-50-010-02		0765			X	X	X						1
75	DP-033-50-050-01		0800			X	X	X						2
76	DP-033-50-100-01		0805			X	X	X						2
77	DP-034-50-010-01		0817			X	X	X	X	X		run VOC		2
78	DP-034-50-050-01		0820			X	X	X	X	X		run VOC		2
79	DP-034-50-100-01		0825			X	X	X	X	X		run VOC		2
70	DP-035-50-010-01		0845			X	X	X	X	X		run VOC		2

Container Type Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/9/15 15:05	<i>[Signature]</i>	7/9/15 15:05
<i>[Signature]</i>	7/9/15 17:45	<i>[Signature]</i>	7/9/15 17:45
<i>[Signature]</i>	7/9/15 2:30	<i>[Signature]</i>	7/9/15 2:30
<i>[Signature]</i>	7/9/15 0:00	<i>[Signature]</i>	7/9/15 0:00

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

CHAIN OF CUSTODY

PAGE 2 OF _____



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 #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122

Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Fax:

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)		<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	
Sample Specific Comments		(Please specify below)		

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					Sample Specific Comments	TOTAL # BOTTLES	
		Date	Time			TAL Metals (6010)	TPH (6-44)	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
75	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
78	DP-037-50-050-01		0940			X	X	X	X	X			2
79	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

cheryl
T West
[Signature]

7/9/15 15:05
7/9/15 17:45
7/9/15 21:30

AAC
J West
[Signature]

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
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Email: kennard@haleyaldrich.com

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: _____ Time: _____

Regulatory Requirements/Report Limits

State /Fed Program _____ Criteria _____

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 14oz jar for VOC

ANALYSIS	TAR Metals (601d)	TOTAL # BOTTLES
	TPH (8-844 (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 (8-844 (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 _____

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/9/15 15:05</u>	Received By: <u>[Signature]</u>	Date/Time: <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>

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

CHAIN OF CUSTODY

PAGE 5 OF _____



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 #:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
 Address: 5233 Mission Center Rd
San Diego CA 92108
 Phone: 619-285-7122
 Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

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>AAC T West</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>



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

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

CHAIN OF CUSTODY

PAGE 4 OF

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 C6-C14 (8016)
 PAH (8270C)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do Preservation
 Lab to do

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	X	X	X
		Date	Time					
	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

TOTAL # BOTTLES

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

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



CHAIN OF CUSTODY

PAGE 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 #:**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 (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 TN} 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.



ANALYTICAL REPORT

Lab Number:	L1515969
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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515969-01	TB-071015	WATER	Not Specified	07/10/15 08:00	07/10/15
L1515969-02	EB01-071015	WATER	Not Specified	07/10/15 15:05	07/10/15
L1515969-03	EB02-071015	WATER	Not Specified	07/10/15 15:00	07/10/15
L1515969-04	DP-050-SO-050-01	SOIL	Not Specified	07/10/15 08:15	07/10/15
L1515969-05	DP-050-SO-100-01	SOIL	Not Specified	07/10/15 08:25	07/10/15
L1515969-06	DP-051-SO-050-01	SOIL	Not Specified	07/10/15 08:35	07/10/15
L1515969-07	DP-051-SO-100-01	SOIL	Not Specified	07/10/15 08:44	07/10/15
L1515969-08	DP-051-SO-100-02	SOIL	Not Specified	07/10/15 08:44	07/10/15
L1515969-09	DP-048-SO-050-01	SOIL	Not Specified	07/10/15 09:00	07/10/15
L1515969-10	DP-048-SO-100-01	SOIL	Not Specified	07/10/15 09:10	07/10/15
L1515969-11	DP-049-SO-050-01	SOIL	Not Specified	07/10/15 09:17	07/10/15
L1515969-12	DP-049-SO-100-01	SOIL	Not Specified	07/10/15 09:20	07/10/15
L1515969-13	DP-052-SO-050-01	SOIL	Not Specified	07/10/15 09:40	07/10/15
L1515969-14	DP-052-SO-100-01	SOIL	Not Specified	07/10/15 09:45	07/10/15
L1515969-15	DP-047-SO-010-01	SOIL	Not Specified	07/10/15 08:50	07/10/15
L1515969-16	DP-047-SO-010-02	SOIL	Not Specified	07/10/15 08:50	07/10/15
L1515969-17	DP-047-SO-050-01	SOIL	Not Specified	07/10/15 08:55	07/10/15
L1515969-18	DP-047-SO-100-01	SOIL	Not Specified	07/10/15 09:00	07/10/15
L1515969-19	DP-053-SO-010-01	SOIL	Not Specified	07/10/15 10:05	07/10/15
L1515969-20	DP-053-SO-050-01	SOIL	Not Specified	07/10/15 10:10	07/10/15
L1515969-21	DP-053-SO-100-01	SOIL	Not Specified	07/10/15 10:15	07/10/15
L1515969-22	DP-054-SO-010-01	SOIL	Not Specified	07/10/15 10:20	07/10/15
L1515969-23	DP-054-SO-050-01	SOIL	Not Specified	07/10/15 10:25	07/10/15
L1515969-24	DP-054-SO-100-01	SOIL	Not Specified	07/10/15 10:30	07/10/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515969-25	DP-054-SO-100-02	SOIL	Not Specified	07/10/15 10:30	07/10/15
L1515969-26	DP-055-SO-010-01	SOIL	Not Specified	07/10/15 10:35	07/10/15
L1515969-27	DP-055-SO-050-01	SOIL	Not Specified	07/10/15 10:40	07/10/15
L1515969-28	DP-055-SO-100-01	SOIL	Not Specified	07/10/15 10:45	07/10/15
L1515969-29	DP-056-SO-010-01	SOIL	Not Specified	07/10/15 12:10	07/10/15
L1515969-30	DP-056-SO-050-01	SOIL	Not Specified	07/10/15 12:13	07/10/15
L1515969-31	DP-056-SO-100-01	SOIL	Not Specified	07/10/15 12:15	07/10/15
L1515969-32	DP-057-SO-010-01	SOIL	Not Specified	07/10/15 12:20	07/10/15
L1515969-33	DP-057-SO-050-01	SOIL	Not Specified	07/10/15 12:22	07/10/15
L1515969-34	DP-057-SO-100-01	SOIL	Not Specified	07/10/15 12:25	07/10/15
L1515969-35	DP-057-SO-100-02	SOIL	Not Specified	07/10/15 12:25	07/10/15
L1515969-36	DP-058-SO-010-01	SOIL	Not Specified	07/10/15 12:55	07/10/15
L1515969-37	DP-058-SO-050-01	SOIL	Not Specified	07/10/15 13:00	07/10/15
L1515969-38	DP-058-SO-100-01	SOIL	Not Specified	07/10/15 13:05	07/10/15
L1515969-39	DP-059-SO-010-01	SOIL	Not Specified	07/10/15 13:20	07/10/15
L1515969-40	DP-059-SO-010-02	SOIL	Not Specified	07/10/15 13:20	07/10/15
L1515969-41	DP-059-SO-050-01	SOIL	Not Specified	07/10/15 13:25	07/10/15
L1515969-42	DP-059-SO-100-01	SOIL	Not Specified	07/10/15 13:30	07/10/15
L1515969-43	DP-060-SO-010-01	SOIL	Not Specified	07/10/15 13:35	07/10/15
L1515969-44	DP-060-SO-050-01	SOIL	Not Specified	07/10/15 13:40	07/10/15
L1515969-45	DP-060-SO-100-01	SOIL	Not Specified	07/10/15 13:45	07/10/15
L1515969-46	DP-061-SO-010-01	SOIL	Not Specified	07/10/15 14:05	07/10/15
L1515969-47	DP-061-SO-050-01	SOIL	Not Specified	07/10/15 14:10	07/10/15
L1515969-48	DP-061-SO-050-02	SOIL	Not Specified	07/10/15 14:10	07/10/15
L1515969-49	DP-061-SO-100-01	SOIL	Not Specified	07/10/15 14:15	07/10/15
L1515969-50	DP-062-SO-010-01	SOIL	Not Specified	07/10/15 14:25	07/10/15
L1515969-51	DP-062-SO-050-01	SOIL	Not Specified	07/10/15 14:30	07/10/15
L1515969-52	DP-062-SO-100-01	SOIL	Not Specified	07/10/15 14:35	07/10/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515969-53	DP-063-SO-010-01	SOIL	Not Specified	07/10/15 14:45	07/10/15
L1515969-54	DP-063-SO-050-01	SOIL	Not Specified	07/10/15 14:47	07/10/15
L1515969-55	DP-063-SO-100-01	SOIL	Not Specified	07/10/15 14:50	07/10/15
L1515969-56	DP-064-SO-010-01	SOIL	Not Specified	07/10/15 14:52	07/10/15
L1515969-57	DP-064-SO-050-01	SOIL	Not Specified	07/10/15 14:55	07/10/15
L1515969-58	DP-064-SO-100-01	SOIL	Not Specified	07/10/15 14:58	07/10/15
L1515969-59	DP-064-SO-100-02	SOIL	Not Specified	07/10/15 14:58	07/10/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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: L1515969
Report Date: 07/20/15

Case Narrative (continued)

Report Submission

This final report replaces the partial report issued July 17, 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

L1515969-22: The sample has elevated detection limits due to the dilution required by the sample matrix.

Petroleum Hydrocarbon Quantitation

The WG801865-3 Laboratory Duplicate RPD, performed on L1515969-04, is outside the acceptance criteria for total petroleum hydrocarbons (c9-c44) (65%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

Gasoline Range Organics

L1515969-02, -03: A laboratory duplicate and matrix spike could not be performed due to the matrix submitted for analysis.

Metals

L1515969-15 through -28 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG802007-4 MS recoveries, performed on L1515969-03, are outside the acceptance criteria for arsenic (128%), cadmium (128%) and selenium (130%). A post digestion spike was performed and was within acceptance criteria.

The WG803151-4 MS recovery, performed on L1515969-15, is outside the acceptance criteria for mercury (138%). A post digestion spike was performed and was within acceptance criteria.

The WG803151-3 Laboratory Duplicate RPD, performed on L1515969-15, is outside the acceptance criteria


Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Case Narrative (continued)

for mercury (129%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

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

Authorized Signature:  Lisa Westerlind

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-01
Client ID: TB-071015
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/12/15 14:12
Analyst: PD

Date Collected: 07/10/15 08:00
Date Received: 07/10/15
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	2.8	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	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	0.26	J	ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-01
Client ID: TB-071015
Sample Location: Not Specified

Date Collected: 07/10/15 08:00
Date Received: 07/10/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab						
--	--	--	--	--	--	--

cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Toluene	ND		ug/l	0.75	0.16	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.33	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
Styrene	ND		ug/l	1.0	0.36	1
Bromoform	ND		ug/l	2.0	0.25	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.33	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
 Client ID: EB01-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 07/12/15 14:40
 Analyst: PD

Date Collected: 07/10/15 15:05
 Date Received: 07/10/15
 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	5.3		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
Client ID: EB01-071015
Sample Location: Not Specified

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

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	110		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
Client ID: EB02-071015
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/12/15 15:08
Analyst: PD

Date Collected: 07/10/15 15:00
Date Received: 07/10/15
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	5.2		ug/l	5.0	1.5	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Methyl tert butyl ether	ND		ug/l	1.0	0.16	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Cyclohexane	ND		ug/l	10	0.27	1
Bromochloromethane	ND		ug/l	2.5	0.14	1
Chloroform	ND		ug/l	0.75	0.16	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
2-Butanone	ND		ug/l	5.0	1.9	1
Benzene	ND		ug/l	0.50	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,4-Dioxane	ND		ug/l	250	41.	1

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
Client ID: EB02-071015
Sample Location: Not Specified

Date Collected: 07/10/15 15:00
Date Received: 07/10/15
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	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	113		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 01-03 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: L1515969
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): 01-03 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

Lab Number: L1515969

Project Number: 40223-002

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): 01-03 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 01-03 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: L1515969

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): 01-03 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: L1515969

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): 01-03 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

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
Client ID: EB01-071015
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/15/15 02:08
Analyst: PS

Date Collected: 07/10/15 15:05
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 07/12/15 03:34

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	83		15-120
4-Terphenyl-d14	89		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
 Client ID: EB02-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 02:34
 Analyst: PS

Date Collected: 07/10/15 15:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/12/15 03:34

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	84		15-120
4-Terphenyl-d14	94		41-149

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-15
 Client ID: DP-047-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 23:43
 Analyst: AS
 Percent Solids: 87%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 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	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	0.059	J	mg/kg	0.15	0.036	1
Acenaphthene	0.14	J	mg/kg	0.15	0.039	1
Fluorene	0.12	J	mg/kg	0.19	0.055	1
Phenanthrene	1.5		mg/kg	0.11	0.037	1
Anthracene	0.37		mg/kg	0.11	0.032	1
Fluoranthene	2.8		mg/kg	0.11	0.035	1
Pyrene	2.6		mg/kg	0.11	0.037	1
Benzo(a)anthracene	1.4		mg/kg	0.11	0.037	1
Chrysene	1.5		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	1.7		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.68		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.2		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.80		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.17		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.71		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-16
 Client ID: DP-047-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:11
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 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	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	0.040	J	mg/kg	0.16	0.036	1
Acenaphthene	0.12	J	mg/kg	0.16	0.040	1
Fluorene	0.097	J	mg/kg	0.19	0.056	1
Phenanthrene	1.1		mg/kg	0.12	0.038	1
Anthracene	0.26		mg/kg	0.12	0.032	1
Fluoranthene	1.7		mg/kg	0.12	0.036	1
Pyrene	1.5		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.85		mg/kg	0.12	0.038	1
Chrysene	0.92		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	1.1		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.37		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.80		mg/kg	0.16	0.047	1
Indeno(1,2,3-cd)pyrene	0.52		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	0.14		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	0.46		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-17
 Client ID: DP-047-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 00:38
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/10/15 08:55
 Date Received: 07/10/15
 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	0.19	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	85		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	60		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-18
 Client ID: DP-047-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:06
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/10/15 09:00
 Date Received: 07/10/15
 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	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.038	J	mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-19
 Client ID: DP-053-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:34
 Analyst: AS
 Percent Solids: 92%

Date Collected: 07/10/15 10:05
 Date Received: 07/10/15
 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	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.056	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	0.035	J	mg/kg	0.14	0.033	1
Acenaphthene	ND		mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	0.23		mg/kg	0.11	0.034	1
Anthracene	0.076	J	mg/kg	0.11	0.029	1
Fluoranthene	0.67		mg/kg	0.11	0.032	1
Pyrene	0.53		mg/kg	0.11	0.034	1
Benzo(a)anthracene	0.31		mg/kg	0.11	0.035	1
Chrysene	0.32		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.39		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	0.15		mg/kg	0.11	0.034	1
Benzo(a)pyrene	0.24		mg/kg	0.14	0.043	1
Indeno(1,2,3-cd)pyrene	0.20		mg/kg	0.14	0.039	1
Dibenzo(a,h)anthracene	0.040	J	mg/kg	0.11	0.034	1
Benzo(ghi)perylene	0.19		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	51		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-20
 Client ID: DP-053-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:01
 Analyst: AS
 Percent Solids: 95%

Date Collected: 07/10/15 10:10
 Date Received: 07/10/15
 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	0.17	0.057	1
2-Methylnaphthalene	ND		mg/kg	0.20	0.054	1
2-Chloronaphthalene	ND		mg/kg	0.17	0.056	1
Acenaphthylene	ND		mg/kg	0.14	0.032	1
Acenaphthene	ND		mg/kg	0.14	0.035	1
Fluorene	ND		mg/kg	0.17	0.049	1
Phenanthrene	ND		mg/kg	0.10	0.033	1
Anthracene	ND		mg/kg	0.10	0.028	1
Fluoranthene	ND		mg/kg	0.10	0.031	1
Pyrene	ND		mg/kg	0.10	0.033	1
Benzo(a)anthracene	ND		mg/kg	0.10	0.033	1
Chrysene	ND		mg/kg	0.10	0.034	1
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034	1
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.042	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.038	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.033	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.035	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-21
 Client ID: DP-053-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:29
 Analyst: AS
 Percent Solids: 90%

Date Collected: 07/10/15 10:15
 Date Received: 07/10/15
 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	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	ND		mg/kg	0.11	0.033	1
Pyrene	ND		mg/kg	0.11	0.035	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.035	1
Chrysene	ND		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-22 D
 Client ID: DP-054-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:57
 Analyst: AS
 Percent Solids: 89%

Date Collected: 07/10/15 10:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.44	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	0.13	J	mg/kg	0.30	0.069	2
Acenaphthene	0.085	J	mg/kg	0.30	0.076	2
Fluorene	ND		mg/kg	0.37	0.11	2
Phenanthrene	0.92		mg/kg	0.22	0.073	2
Anthracene	0.23		mg/kg	0.22	0.062	2
Fluoranthene	1.2		mg/kg	0.22	0.068	2
Pyrene	0.99		mg/kg	0.22	0.072	2
Benzo(a)anthracene	0.59		mg/kg	0.22	0.073	2
Chrysene	0.62		mg/kg	0.22	0.073	2
Benzo(b)fluoranthene	0.71		mg/kg	0.22	0.075	2
Benzo(k)fluoranthene	0.27		mg/kg	0.22	0.071	2
Benzo(a)pyrene	0.53		mg/kg	0.30	0.091	2
Indeno(1,2,3-cd)pyrene	0.38		mg/kg	0.30	0.082	2
Dibenzo(a,h)anthracene	0.082	J	mg/kg	0.22	0.072	2
Benzo(ghi)perylene	0.36		mg/kg	0.30	0.077	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	52		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-23
 Client ID: DP-054-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 03:24
 Analyst: AS
 Percent Solids: 91%

Date Collected: 07/10/15 10:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.033	1
Acenaphthene	ND		mg/kg	0.14	0.036	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	0.058	J	mg/kg	0.11	0.032	1
Pyrene	0.062	J	mg/kg	0.11	0.034	1
Benzo(a)anthracene	0.043	J	mg/kg	0.11	0.035	1
Chrysene	0.047	J	mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	0.052	J	mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.043	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.039	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.034	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	58		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-24
 Client ID: DP-054-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 03:52
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.20		mg/kg	0.12	0.038	1
Anthracene	0.048	J	mg/kg	0.12	0.032	1
Fluoranthene	0.39		mg/kg	0.12	0.036	1
Pyrene	0.35		mg/kg	0.12	0.038	1
Benzo(a)anthracene	0.24		mg/kg	0.12	0.038	1
Chrysene	0.26		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.30		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.12		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.23		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.15		mg/kg	0.15	0.043	1
Dibenzo(a,h)anthracene	0.037	J	mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.13	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-25
 Client ID: DP-054-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 04:20
 Analyst: AS
 Percent Solids: 86%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.080	J	mg/kg	0.19	0.064	1
2-Methylnaphthalene	0.064	J	mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.26		mg/kg	0.11	0.037	1
Anthracene	0.065	J	mg/kg	0.11	0.032	1
Fluoranthene	0.39		mg/kg	0.11	0.035	1
Pyrene	0.34		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.24		mg/kg	0.11	0.037	1
Chrysene	0.24		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	0.30		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.11		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.23		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.15		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.037	J	mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.14	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	52		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-26
 Client ID: DP-055-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 04:47
 Analyst: AS
 Percent Solids: 85%

Date Collected: 07/10/15 10:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	59		30-120
4-Terphenyl-d14	44		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-27
 Client ID: DP-055-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 05:15
 Analyst: AS
 Percent Solids: 89%

Date Collected: 07/10/15 10:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

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	0.054	J	mg/kg	0.11	0.034	1
Pyrene	0.050	J	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	0.039	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	51		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-28
 Client ID: DP-055-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 05:43
 Analyst: AS
 Percent Solids: 83%

Date Collected: 07/10/15 10:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	0.10	J	mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.25		mg/kg	0.12	0.037	1
Pyrene	0.21		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.16		mg/kg	0.12	0.039	1
Chrysene	0.18		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.21		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.088	J	mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.16		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	0.11	J	mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	0.086	J	mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	42		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-29
 Client ID: DP-056-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 06:12
 Analyst: AS
 Percent Solids: 84%

Date Collected: 07/10/15 12:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	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	0.039	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	85		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	64		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-30
 Client ID: DP-056-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 15:55
 Analyst: JB
 Percent Solids: 87%

Date Collected: 07/10/15 12:13
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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	89		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-31
 Client ID: DP-056-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 16:22
 Analyst: JB
 Percent Solids: 86%

Date Collected: 07/10/15 12:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.11		mg/kg	0.11	0.037	1
Anthracene	0.047	J	mg/kg	0.11	0.032	1
Fluoranthene	0.78		mg/kg	0.11	0.035	1
Pyrene	0.61		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.33		mg/kg	0.11	0.037	1
Chrysene	0.32		mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	0.28		mg/kg	0.11	0.039	1
Benzo(k)fluoranthene	0.11		mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.18		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.088	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.074	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-32
 Client ID: DP-057-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 16:49
 Analyst: JB
 Percent Solids: 83%

Date Collected: 07/10/15 12:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.16		mg/kg	0.12	0.037	1
Pyrene	0.12		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.046	J	mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	81		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-33
 Client ID: DP-057-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:31
 Analyst: JB
 Percent Solids: 86%

Date Collected: 07/10/15 12:22
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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	0.11	J	mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.21		mg/kg	0.11	0.037	1
Anthracene	0.059	J	mg/kg	0.11	0.032	1
Fluoranthene	0.39		mg/kg	0.11	0.035	1
Pyrene	0.33		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.10	J	mg/kg	0.11	0.037	1
Chrysene	0.099	J	mg/kg	0.11	0.038	1
Benzo(b)fluoranthene	0.075	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	72		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-34
 Client ID: DP-057-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:56
 Analyst: JB
 Percent Solids: 85%

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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	78		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	78		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-35
 Client ID: DP-057-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 15:38
 Analyst: JB
 Percent Solids: 90%

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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	55		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-36
 Client ID: DP-058-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 16:06
 Analyst: JB
 Percent Solids: 86%

Date Collected: 07/10/15 12:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.084	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.23		mg/kg	0.11	0.035	1
Pyrene	0.21		mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.15		mg/kg	0.11	0.037	1
Chrysene	0.16		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.20		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.070	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.14	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.099	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.093	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-37
 Client ID: DP-058-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 16:34
 Analyst: JB
 Percent Solids: 88%

Date Collected: 07/10/15 13:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-38
 Client ID: DP-058-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:17
 Analyst: JB
 Percent Solids: 87%

Date Collected: 07/10/15 13:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

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	77		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-39
 Client ID: DP-059-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 01:44
 Analyst: JB
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.059	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.060	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.038	1
Fluorene	ND		mg/kg	0.18	0.053	1
Phenanthrene	ND		mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.051	J	mg/kg	0.11	0.034	1
Pyrene	0.044	J	mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.044	J	mg/kg	0.11	0.036	1
Chrysene	0.045	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.066	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.046	J	mg/kg	0.15	0.045	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.041	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	65		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-40
 Client ID: DP-059-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/16/15 02:11
 Analyst: JB
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.060	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.058	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.059	1
Acenaphthylene	ND		mg/kg	0.14	0.034	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.052	1
Phenanthrene	ND		mg/kg	0.11	0.036	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	0.066	J	mg/kg	0.11	0.033	1
Pyrene	0.061	J	mg/kg	0.11	0.035	1
Benzo(a)anthracene	0.052	J	mg/kg	0.11	0.036	1
Chrysene	0.050	J	mg/kg	0.11	0.036	1
Benzo(b)fluoranthene	0.066	J	mg/kg	0.11	0.037	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.035	1
Benzo(a)pyrene	0.052	J	mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.038	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	63		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-41
Client ID: DP-059-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/16/15 02:37
Analyst: JB
Percent Solids: 85%

Date Collected: 07/10/15 13:25
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 16:38

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	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.35		mg/kg	0.12	0.038	1
Anthracene	0.080	J	mg/kg	0.12	0.032	1
Fluoranthene	0.48		mg/kg	0.12	0.035	1
Pyrene	0.40		mg/kg	0.12	0.037	1
Benzo(a)anthracene	0.29		mg/kg	0.12	0.038	1
Chrysene	0.29		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	0.30		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	0.16		mg/kg	0.12	0.037	1
Benzo(a)pyrene	0.25		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.16		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.042	J	mg/kg	0.12	0.037	1
Benzo(ghi)perylene	0.12	J	mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	46		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-42
 Client ID: DP-059-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 14:15
 Analyst: JB
 Percent Solids: 85%

Date Collected: 07/10/15 13:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

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	115		23-120
2-Fluorobiphenyl	90		30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-43
 Client ID: DP-060-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 14:41
 Analyst: JB
 Percent Solids: 84%

Date Collected: 07/10/15 13:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.063	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.048	J	mg/kg	0.12	0.036	1
Pyrene	0.056	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	0.042	J	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	108		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-44
 Client ID: DP-060-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 15:07
 Analyst: JB
 Percent Solids: 84%

Date Collected: 07/10/15 13:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

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	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	0.042	J	mg/kg	0.12	0.036	1
Pyrene	0.040	J	mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-45
 Client ID: DP-060-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 17:16
 Analyst: JB
 Percent Solids: 82%

Date Collected: 07/10/15 13:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

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	95		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	97		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-46
 Client ID: DP-061-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 19:31
 Analyst: JB
 Percent Solids: 88%

Date Collected: 07/10/15 14:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.074	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.10	J	mg/kg	0.11	0.035	1
Pyrene	0.092	J	mg/kg	0.11	0.037	1
Benzo(a)anthracene	0.057	J	mg/kg	0.11	0.037	1
Chrysene	0.064	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.051	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.048	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.060	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.039	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	76		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-47
 Client ID: DP-061-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 19:55
 Analyst: JB
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

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	0.086	J	mg/kg	0.16	0.041	1
Fluorene	0.10	J	mg/kg	0.20	0.058	1
Phenanthrene	0.66		mg/kg	0.12	0.039	1
Anthracene	0.24		mg/kg	0.12	0.034	1
Fluoranthene	0.70		mg/kg	0.12	0.037	1
Pyrene	0.58		mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.40		mg/kg	0.12	0.039	1
Chrysene	0.36		mg/kg	0.12	0.040	1
Benzo(b)fluoranthene	0.22		mg/kg	0.12	0.041	1
Benzo(k)fluoranthene	0.26		mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.28		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	0.056	J	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	121	Q	23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	90		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-48
 Client ID: DP-061-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 20:21
 Analyst: JB
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	0.080	J	mg/kg	0.12	0.036	1
Pyrene	0.076	J	mg/kg	0.12	0.039	1
Benzo(a)anthracene	0.055	J	mg/kg	0.12	0.039	1
Chrysene	0.053	J	mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	0.047	J	mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	0.050	J	mg/kg	0.12	0.038	1
Benzo(a)pyrene	0.054	J	mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	86		18-120

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-49
Client ID: DP-061-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/16/15 04:50
Analyst: JB
Percent Solids: 83%

Date Collected: 07/10/15 14:15
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 16:39

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	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	103		30-120
4-Terphenyl-d14	95		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-50
 Client ID: DP-062-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 18:50
 Analyst: PS
 Percent Solids: 85%

Date Collected: 07/10/15 14:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	121	Q	30-120
4-Terphenyl-d14	99		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-51
 Client ID: DP-062-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 19:16
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/10/15 14:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.064	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.20	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.041	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	101		30-120
4-Terphenyl-d14	82		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-52
 Client ID: DP-062-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 19:42
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/10/15 14:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

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	67		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	88		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-53
 Client ID: DP-063-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 20:08
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/10/15 14:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.063	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.062	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	ND		mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.032	1
Fluoranthene	0.051	J	mg/kg	0.11	0.035	1
Pyrene	0.051	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	0.040	J	mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(a)pyrene	ND		mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	ND		mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	94		30-120
4-Terphenyl-d14	73		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-54
 Client ID: DP-063-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 20:34
 Analyst: PS
 Percent Solids: 86%

Date Collected: 07/10/15 14:47
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.064	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.061	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.15	0.036	1
Acenaphthene	ND		mg/kg	0.15	0.040	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.035	1
Pyrene	0.042	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	61		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	83		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-55
 Client ID: DP-063-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:00
 Analyst: PS
 Percent Solids: 84%

Date Collected: 07/10/15 14:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	102		30-120
4-Terphenyl-d14	80		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-56
 Client ID: DP-064-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:26
 Analyst: PS
 Percent Solids: 87%

Date Collected: 07/10/15 14:52
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.062	1
2-Methylnaphthalene	ND		mg/kg	0.22	0.060	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.061	1
Acenaphthylene	ND		mg/kg	0.15	0.035	1
Acenaphthene	ND		mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.054	1
Phenanthrene	0.071	J	mg/kg	0.11	0.037	1
Anthracene	ND		mg/kg	0.11	0.031	1
Fluoranthene	0.15		mg/kg	0.11	0.034	1
Pyrene	0.14		mg/kg	0.11	0.036	1
Benzo(a)anthracene	0.090	J	mg/kg	0.11	0.037	1
Chrysene	0.090	J	mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	0.11		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	0.040	J	mg/kg	0.11	0.036	1
Benzo(a)pyrene	0.086	J	mg/kg	0.15	0.046	1
Indeno(1,2,3-cd)pyrene	0.059	J	mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.036	1
Benzo(ghi)perylene	0.059	J	mg/kg	0.15	0.039	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-57
 Client ID: DP-064-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 21:52
 Analyst: PS
 Percent Solids: 91%

Date Collected: 07/10/15 14:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.18	0.059	1
2-Methylnaphthalene	ND		mg/kg	0.21	0.057	1
2-Chloronaphthalene	ND		mg/kg	0.18	0.058	1
Acenaphthylene	ND		mg/kg	0.14	0.033	1
Acenaphthene	ND		mg/kg	0.14	0.037	1
Fluorene	ND		mg/kg	0.18	0.051	1
Phenanthrene	ND		mg/kg	0.11	0.035	1
Anthracene	ND		mg/kg	0.11	0.030	1
Fluoranthene	ND		mg/kg	0.11	0.033	1
Pyrene	ND		mg/kg	0.11	0.035	1
Benzo(a)anthracene	ND		mg/kg	0.11	0.035	1
Chrysene	ND		mg/kg	0.11	0.035	1
Benzo(b)fluoranthene	ND		mg/kg	0.11	0.036	1
Benzo(k)fluoranthene	ND		mg/kg	0.11	0.034	1
Benzo(a)pyrene	ND		mg/kg	0.14	0.044	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.14	0.040	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.11	0.035	1
Benzo(ghi)perylene	ND		mg/kg	0.14	0.037	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-58
 Client ID: DP-064-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:18
 Analyst: PS
 Percent Solids: 83%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.19	0.065	1
2-Methylnaphthalene	ND		mg/kg	0.23	0.062	1
2-Chloronaphthalene	ND		mg/kg	0.19	0.063	1
Acenaphthylene	ND		mg/kg	0.16	0.036	1
Acenaphthene	ND		mg/kg	0.16	0.040	1
Fluorene	ND		mg/kg	0.19	0.056	1
Phenanthrene	ND		mg/kg	0.12	0.038	1
Anthracene	ND		mg/kg	0.12	0.032	1
Fluoranthene	ND		mg/kg	0.12	0.036	1
Pyrene	ND		mg/kg	0.12	0.038	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.038	1
Chrysene	ND		mg/kg	0.12	0.038	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.039	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.037	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.048	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.043	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.038	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	100		30-120
4-Terphenyl-d14	89		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-59
 Client ID: DP-064-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/15/15 22:44
 Analyst: PS
 Percent Solids: 81%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.20	0.066	1
2-Methylnaphthalene	ND		mg/kg	0.24	0.064	1
2-Chloronaphthalene	ND		mg/kg	0.20	0.065	1
Acenaphthylene	ND		mg/kg	0.16	0.037	1
Acenaphthene	ND		mg/kg	0.16	0.041	1
Fluorene	ND		mg/kg	0.20	0.057	1
Phenanthrene	ND		mg/kg	0.12	0.039	1
Anthracene	ND		mg/kg	0.12	0.033	1
Fluoranthene	ND		mg/kg	0.12	0.037	1
Pyrene	ND		mg/kg	0.12	0.039	1
Benzo(a)anthracene	ND		mg/kg	0.12	0.039	1
Chrysene	ND		mg/kg	0.12	0.039	1
Benzo(b)fluoranthene	ND		mg/kg	0.12	0.040	1
Benzo(k)fluoranthene	ND		mg/kg	0.12	0.038	1
Benzo(a)pyrene	ND		mg/kg	0.16	0.049	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.16	0.044	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.12	0.039	1
Benzo(ghi)perylene	ND		mg/kg	0.16	0.042	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	106		30-120
4-Terphenyl-d14	91		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 15-29 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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/15/15 14:44
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/11/15 16:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-49 Batch: WG801875-1					
Naphthalene	ND		mg/kg	0.16	0.054
2-Methylnaphthalene	ND		mg/kg	0.20	0.052
2-Chloronaphthalene	ND		mg/kg	0.16	0.053
Acenaphthylene	ND		mg/kg	0.13	0.030
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.16	0.047
Phenanthrene	ND		mg/kg	0.098	0.032
Anthracene	ND		mg/kg	0.098	0.027
Fluoranthene	ND		mg/kg	0.098	0.030
Pyrene	ND		mg/kg	0.098	0.032
Benzo(a)anthracene	ND		mg/kg	0.098	0.032
Chrysene	ND		mg/kg	0.098	0.032
Benzo(b)fluoranthene	ND		mg/kg	0.098	0.033
Benzo(k)fluoranthene	ND		mg/kg	0.098	0.031
Benzo(a)pyrene	ND		mg/kg	0.13	0.040
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.036
Dibenzo(a,h)anthracene	ND		mg/kg	0.098	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	101		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/16/15 11:03
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/11/15 19:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 50-59 Batch: WG801892-1					
Naphthalene	ND		mg/kg	0.17	0.055
2-Methylnaphthalene	ND		mg/kg	0.20	0.053
2-Chloronaphthalene	ND		mg/kg	0.17	0.054
Acenaphthylene	ND		mg/kg	0.13	0.031
Acenaphthene	ND		mg/kg	0.13	0.034
Fluorene	ND		mg/kg	0.17	0.048
Phenanthrene	ND		mg/kg	0.10	0.032
Anthracene	ND		mg/kg	0.10	0.028
Fluoranthene	ND		mg/kg	0.10	0.030
Pyrene	ND		mg/kg	0.10	0.032
Benzo(a)anthracene	ND		mg/kg	0.10	0.032
Chrysene	ND		mg/kg	0.10	0.033
Benzo(b)fluoranthene	ND		mg/kg	0.10	0.034
Benzo(k)fluoranthene	ND		mg/kg	0.10	0.032
Benzo(a)pyrene	ND		mg/kg	0.13	0.041
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.13	0.037
Dibenzo(a,h)anthracene	ND		mg/kg	0.10	0.032
Benzo(ghi)perylene	ND		mg/kg	0.13	0.034

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	120		30-120
4-Terphenyl-d14	122	Q	18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 19:14
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 07/12/15 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03 Batch: WG801924-1					
Naphthalene	ND		ug/l	2.0	0.33
2-Methylnaphthalene	ND		ug/l	2.0	0.36
2-Chloronaphthalene	ND		ug/l	2.0	0.46
Acenaphthylene	ND		ug/l	2.0	0.37
Acenaphthene	ND		ug/l	2.0	0.28
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Anthracene	ND		ug/l	2.0	0.20
Fluoranthene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.52
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Chrysene	ND		ug/l	2.0	0.30
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Benzo(ghi)perylene	ND		ug/l	2.0	0.57

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	82		15-120
4-Terphenyl-d14	88		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 15-29 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: L1515969
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): 15-29 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 30-49 Batch: WG801875-2 WG801875-3								
Naphthalene	100		93		40-140	7		50
2-Methylnaphthalene	106		97		40-140	9		50
2-Chloronaphthalene	109		99		40-140	10		50
Acenaphthylene	114		103		40-140	10		50
Acenaphthene	104		96		31-137	8		50
Fluorene	111		103		40-140	7		50
Phenanthrene	108		100		40-140	8		50
Anthracene	114		106		40-140	7		50
Fluoranthene	118		108		40-140	9		50
Pyrene	115		107		35-142	7		50
Benzo(a)anthracene	115		106		40-140	8		50
Chrysene	111		102		40-140	8		50
Benzo(b)fluoranthene	116		106		40-140	9		50
Benzo(k)fluoranthene	114		103		40-140	10		50
Benzo(a)pyrene	120		111		40-140	8		50
Indeno(1,2,3-cd)pyrene	123		113		40-140	8		50
Dibenzo(a,h)anthracene	116		108		40-140	7		50
Benzo(ghi)perylene	115		106		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 30-49 Batch: WG801875-2 WG801875-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	106		100		23-120
2-Fluorobiphenyl	113		103		30-120
4-Terphenyl-d14	115		107		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 50-59 Batch: WG801892-2 WG801892-3								
Naphthalene	72		88		40-140	20		50
2-Methylnaphthalene	75		92		40-140	20		50
2-Chloronaphthalene	90		107		40-140	17		50
Acenaphthylene	81		100		40-140	21		50
Acenaphthene	75		91		31-137	19		50
Fluorene	80		100		40-140	22		50
Phenanthrene	79		97		40-140	20		50
Anthracene	80		98		40-140	20		50
Fluoranthene	85		105		40-140	21		50
Pyrene	84		104		35-142	21		50
Benzo(a)anthracene	81		102		40-140	23		50
Chrysene	77		96		40-140	22		50
Benzo(b)fluoranthene	85		99		40-140	15		50
Benzo(k)fluoranthene	82		101		40-140	21		50
Benzo(a)pyrene	84		102		40-140	19		50
Indeno(1,2,3-cd)pyrene	81		98		40-140	19		50
Dibenzo(a,h)anthracene	82		93		40-140	13		50
Benzo(ghi)perylene	80		98		40-140	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 50-59 Batch: WG801892-2 WG801892-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	61		86		23-120
2-Fluorobiphenyl	87		103		30-120
4-Terphenyl-d14	86		104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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): 02-03 Batch: WG801924-2 WG801924-3								
Naphthalene	66		70		40-140	6		30
2-Methylnaphthalene	73		77		40-140	5		30
2-Chloronaphthalene	82		86		40-140	5		30
Acenaphthylene	82		86		45-123	5		30
Acenaphthene	74		77		37-111	4		30
Fluorene	81		84		40-140	4		30
Phenanthrene	78		81		40-140	4		30
Anthracene	84		87		40-140	4		30
Fluoranthene	86		88		40-140	2		30
Pyrene	86		87		26-127	1		30
Benzo(a)anthracene	80		84		40-140	5		30
Chrysene	78		81		40-140	4		30
Benzo(b)fluoranthene	81		82		40-140	1		30
Benzo(k)fluoranthene	78		80		40-140	3		30
Benzo(a)pyrene	79		81		40-140	3		30
Indeno(1,2,3-cd)Pyrene	83		86		40-140	4		30
Dibenzo(a,h)anthracene	84		85		40-140	1		30
Benzo(ghi)perylene	80		83		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 02-03 Batch: WG801924-2 WG801924-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	64		64		23-120
2-Fluorobiphenyl	83		86		15-120
4-Terphenyl-d14	87		92		41-149

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
 Client ID: EB01-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 16:58
 Analyst: AR

Date Collected: 07/10/15 15:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/12/15 05:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	93.1	J	ug/l	556	23.3	1
---------------	------	---	------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
 Client ID: EB01-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 03:02
 Analyst: BS

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	49	J	ug/l	50	3.0	1
-------------------------	----	---	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
 Client ID: EB02-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 18:36
 Analyst: AR

Date Collected: 07/10/15 15:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 07/12/15 05:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	85.3	J	ug/l	556	23.3	1
---------------	------	---	------	-----	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
 Client ID: EB02-071015
 Sample Location: Not Specified
 Matrix: Water
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/15/15 03:43
 Analyst: BS

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/l	50	3.0	1
-------------------------	----	--	------	----	-----	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-04
 Client ID: DP-050-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 09:38
 Analyst: BS
 Percent Solids: 88%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-04 D
 Client ID: DP-050-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 11:57
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/10/15 08:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	404.		mg/kg	72.6	8.10	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-05
 Client ID: DP-050-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 10:44
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 08:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.1	4.25	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	53		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-05
Client ID: DP-050-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 10:17
Analyst: BS
Percent Solids: 85%

Date Collected: 07/10/15 08:25
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-06
 Client ID: DP-051-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 11:20
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 08:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	36.6	4.08	1
---------------	----	--	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-06
Client ID: DP-051-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 10:56
Analyst: BS
Percent Solids: 87%

Date Collected: 07/10/15 08:35
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.6	0.049	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-07
 Client ID: DP-051-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 11:55
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.5	J	mg/kg	38.0	4.24	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-07
 Client ID: DP-051-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 14:13
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	89		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-08
 Client ID: DP-051-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 06:33
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	69.7		mg/kg	37.7	4.21	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-08
 Client ID: DP-051-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 16:11
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.4	0.046	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-09
 Client ID: DP-048-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 12:31
 Analyst: SW
 Percent Solids: 90%

Date Collected: 07/10/15 09:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	18.9	J	mg/kg	35.3	3.94	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-09
 Client ID: DP-048-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 16:51
 Analyst: BS
 Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	0.97	J	mg/kg	2.6	0.049	1
-------------------------	------	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-10
 Client ID: DP-048-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 05:22
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 09:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	84.4		mg/kg	36.8	4.11	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-10
 Client ID: DP-048-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 17:30
 Analyst: BS
 Percent Solids: 87%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
--	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-11
 Client ID: DP-049-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 16:10
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 09:17
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.39	J	mg/kg	37.9	4.23	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-11
 Client ID: DP-049-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 18:09
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 09:17
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-12
 Client ID: DP-049-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 16:46
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/10/15 09:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	36.3	4.05	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-12
 Client ID: DP-049-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 18:49
 Analyst: BS
 Percent Solids: 86%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	103		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-13
 Client ID: DP-052-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 07:09
 Analyst: SW
 Percent Solids: 91%

Date Collected: 07/10/15 09:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	163.		mg/kg	35.6	3.97	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-13
Client ID: DP-052-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 19:28
Analyst: BS
Percent Solids: 91%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-14
 Client ID: DP-052-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 09:32
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/10/15 09:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.0	J	mg/kg	37.4	4.18	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-14
Client ID: DP-052-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 20:07
Analyst: BS
Percent Solids: 84%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-15
 Client ID: DP-047-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 04:46
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	148.		mg/kg	36.8	4.10	1
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-15
 Client ID: DP-047-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 20:47
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.4	0.046	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	84		70-130
4-Bromofluorobenzene	88		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-16
 Client ID: DP-047-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 05:57
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	155.		mg/kg	37.6	4.20	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-16
 Client ID: DP-047-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 21:26
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	99		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-17
 Client ID: DP-047-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 13:07
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 08:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	7.01	J	mg/kg	37.7	4.21	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-17
 Client ID: DP-047-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 22:05
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/10/15 08:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-18
 Client ID: DP-047-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 14:18
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 09:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	38.9	4.34	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-18
 Client ID: DP-047-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 22:45
 Analyst: BS
 Percent Solids: 85%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-19
Client ID: DP-053-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 15:31
Analyst: BS
Percent Solids: 92%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	71		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-19 D
 Client ID: DP-053-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/16/15 12:29
 Analyst: AR
 Percent Solids: 92%

Date Collected: 07/10/15 10:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	472.		mg/kg	70.8	7.90	2
---------------	------	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-20
 Client ID: DP-053-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 13:43
 Analyst: SW
 Percent Solids: 95%

Date Collected: 07/10/15 10:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	33.4	3.73	1
---------------	----	--	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-20
 Client ID: DP-053-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 17:32
 Analyst: BS
 Percent Solids: 95%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.4	0.046	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-21
 Client ID: DP-053-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 14:58
 Analyst: SW
 Percent Solids: 90%

Date Collected: 07/10/15 10:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	26.6	J	mg/kg	34.8	3.88	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	62		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-21
 Client ID: DP-053-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 18:13
 Analyst: BS
 Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.3	0.044	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-22
 Client ID: DP-054-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 18:53
 Analyst: BS
 Percent Solids: 89%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	9.8		mg/kg	2.8	0.054	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-22 D
Client ID: DP-054-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/13/15 08:20
Analyst: SW
Percent Solids: 89%

Date Collected: 07/10/15 10:20
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	2850		mg/kg	354	39.5	10
---------------	------	--	-------	-----	------	----

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-23
 Client ID: DP-054-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 15:34
 Analyst: SW
 Percent Solids: 91%

Date Collected: 07/10/15 10:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.30	J	mg/kg	35.6	3.97	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	54		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-23
 Client ID: DP-054-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 19:34
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/10/15 10:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	2.3	J	mg/kg	2.5	0.049	1
-------------------------	-----	---	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-24
 Client ID: DP-054-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 21:50
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	112.		mg/kg	38.2	4.26	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-24
 Client ID: DP-054-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 20:14
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-25
 Client ID: DP-054-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 08:03
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	104.		mg/kg	36.9	4.12	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	59		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-25
 Client ID: DP-054-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 20:54
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	82		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-26
 Client ID: DP-055-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 15:51
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 10:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	9.18	J	mg/kg	37.6	4.20	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-26
Client ID: DP-055-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 21:35
Analyst: BS
Percent Solids: 85%

Date Collected: 07/10/15 10:35
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-27
 Client ID: DP-055-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 08:39
 Analyst: SW
 Percent Solids: 89%

Date Collected: 07/10/15 10:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	17.1	J	mg/kg	35.6	3.97	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	53		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-27
 Client ID: DP-055-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 22:15
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/10/15 10:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	84		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-28
 Client ID: DP-055-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 09:27
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/10/15 10:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-28 D
Client ID: DP-055-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 10:52
Analyst: AR
Percent Solids: 83%

Date Collected: 07/10/15 10:45
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	579.		mg/kg	199	22.2	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	66		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-29
 Client ID: DP-056-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 09:15
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/10/15 12:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.37	J	mg/kg	37.9	4.23	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-29
 Client ID: DP-056-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/17/15 23:36
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 12:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-30
 Client ID: DP-056-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 09:50
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 12:13
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	6.93	J	mg/kg	37.3	4.17	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	58		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-30
 Client ID: DP-056-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 00:16
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 12:13
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-31
 Client ID: DP-056-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 03:38
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/10/15 12:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	71		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-31 D
Client ID: DP-056-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/16/15 10:20
Analyst: AR
Percent Solids: 86%

Date Collected: 07/10/15 12:15
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	631.		mg/kg	75.1	8.38	2
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-32
 Client ID: DP-057-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 12:14
 Analyst: SW
 Percent Solids: 83%

Date Collected: 07/10/15 12:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	78.9		mg/kg	38.4	4.29	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	43		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-32
 Client ID: DP-057-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 05:39
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/10/15 12:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-33 D

Date Collected: 07/10/15 12:22

Client ID: DP-057-SO-050-01

Date Received: 07/10/15

Sample Location: Not Specified

Field Prep: Not Specified

Matrix: Soil

Extraction Method:EPA 3546

Analytical Method: 1,8015C(M)

Extraction Date: 07/11/15 17:06

Analytical Date: 07/16/15 13:02

Analyst: AR

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5050		mg/kg	760	84.8	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	62		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-33 D
Client ID: DP-057-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 12:22
Analyst: BS
Percent Solids: 86%

Date Collected: 07/10/15 12:22
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	110		mg/kg	5.6	0.11	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-34
 Client ID: DP-057-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 13:28
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	10.7	J	mg/kg	37.3	4.17	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-34
Client ID: DP-057-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 06:19
Analyst: BS
Percent Solids: 85%

Date Collected: 07/10/15 12:25
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-35
 Client ID: DP-057-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 14:04
 Analyst: SW
 Percent Solids: 90%

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	10.3	J	mg/kg	37.2	4.15	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	59		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-35
 Client ID: DP-057-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 06:59
 Analyst: BS
 Percent Solids: 90%

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	81		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-36
 Client ID: DP-058-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 06:52
 Analyst: SW
 Percent Solids: 86%

Date Collected: 07/10/15 12:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	30.2	J	mg/kg	36.9	4.12	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-36
 Client ID: DP-058-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 07:39
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/10/15 12:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	76		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-37
 Client ID: DP-058-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 14:39
 Analyst: SW
 Percent Solids: 88%

Date Collected: 07/10/15 13:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	6.25	J	mg/kg	36.5	4.08	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-37
 Client ID: DP-058-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 08:20
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/10/15 13:00
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	94		70-130
4-Bromofluorobenzene	80		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-38
 Client ID: DP-058-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 15:15
 Analyst: SW
 Percent Solids: 87%

Date Collected: 07/10/15 13:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	4.84	J	mg/kg	37.0	4.13	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-38
 Client ID: DP-058-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 09:00
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 13:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-39
 Client ID: DP-059-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 11:38
 Analyst: SW
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	18.2	J	mg/kg	36.3	4.06	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-39
 Client ID: DP-059-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 09:40
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-40
 Client ID: DP-059-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 11:02
 Analyst: SW
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	13.3	J	mg/kg	36.8	4.10	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	58		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-40
 Client ID: DP-059-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 10:21
 Analyst: BS
 Percent Solids: 89%

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	84		70-130
4-Bromofluorobenzene	72		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-41
 Client ID: DP-059-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 22:23
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/10/15 13:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	254.		mg/kg	37.8	4.22	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-41
 Client ID: DP-059-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 11:01
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/10/15 13:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-42
 Client ID: DP-059-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 12:53
 Analyst: SW
 Percent Solids: 85%

Date Collected: 07/10/15 13:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	158.		mg/kg	39.1	4.37	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	101		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-42
Client ID: DP-059-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 11:42
Analyst: BS
Percent Solids: 85%

Date Collected: 07/10/15 13:30
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-43
 Client ID: DP-060-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 10:26
 Analyst: SW
 Percent Solids: 84%

Date Collected: 07/10/15 13:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	18.9	J	mg/kg	37.5	4.18	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-43
 Client ID: DP-060-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 15:44
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 13:35
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	75		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-44
 Client ID: DP-060-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 04:08
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/10/15 13:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	49.2		mg/kg	38.2	4.26	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-44
 Client ID: DP-060-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 17:45
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 13:40
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-45
 Client ID: DP-060-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 10:06
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/10/15 13:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.10	J	mg/kg	39.0	4.35	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-45
 Client ID: DP-060-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 18:25
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/10/15 13:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.056	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-46
 Client ID: DP-061-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 04:41
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/10/15 14:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	37.2	J	mg/kg	37.6	4.20	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-46
 Client ID: DP-061-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 19:06
 Analyst: BS
 Percent Solids: 88%

Date Collected: 07/10/15 14:05
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.8	0.053	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	77		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-47
 Client ID: DP-061-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 05:13
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	291.		mg/kg	39.9	4.46	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-47
 Client ID: DP-061-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 23:48
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	60.		mg/kg	2.8	0.054	1
-------------------------	-----	--	-------	-----	-------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-48
 Client ID: DP-061-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 05:45
 Analyst: AR
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	230.		mg/kg	39.9	4.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-48
 Client ID: DP-061-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 00:29
 Analyst: BS
 Percent Solids: 82%

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	57.		mg/kg	2.7	0.051	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	73		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-49
 Client ID: DP-061-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 11:15
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/10/15 14:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	60.0		mg/kg	39.8	4.44	1
---------------	------	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-49
 Client ID: DP-061-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 19:46
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/10/15 14:15
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	3.6		mg/kg	2.8	0.054	1
-------------------------	-----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	74		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-50
 Client ID: DP-062-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 11:47
 Analyst: AR
 Percent Solids: 85%

Date Collected: 07/10/15 14:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	ND		mg/kg	37.0	4.13	1
---------------	----	--	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-50
 Client ID: DP-062-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 20:26
 Analyst: BS
 Percent Solids: 85%

Date Collected: 07/10/15 14:25
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	79		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-51
 Client ID: DP-062-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 08:28
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/10/15 14:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	10.9	J	mg/kg	39.7	4.43	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	96		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-51
 Client ID: DP-062-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 21:07
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 14:30
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.4	0.045	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	91		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-52
Client ID: DP-062-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 09:00
Analyst: AR
Percent Solids: 83%

Date Collected: 07/10/15 14:35
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	8.69	J	mg/kg	37.9	4.24	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-52
Client ID: DP-062-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 21:47
Analyst: BS
Percent Solids: 83%

Date Collected: 07/10/15 14:35
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.8	0.053	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	78		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-53
 Client ID: DP-063-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 07:55
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/10/15 14:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	30.6	J	mg/kg	37.4	4.17	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	88		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-53
 Client ID: DP-063-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/18/15 22:28
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 14:45
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		70-130
4-Bromofluorobenzene	71		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-54
 Client ID: DP-063-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 07:23
 Analyst: AR
 Percent Solids: 86%

Date Collected: 07/10/15 14:47
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	14.1	J	mg/kg	38.0	4.24	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1515969**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1515969-54
Client ID: DP-063-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 23:08
Analyst: BS
Percent Solids: 86%

Date Collected: 07/10/15 14:47
Date Received: 07/10/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.9	0.055	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		70-130
4-Bromofluorobenzene	73		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-55
 Client ID: DP-063-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 09:33
 Analyst: AR
 Percent Solids: 84%

Date Collected: 07/10/15 14:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	5.94	J	mg/kg	38.0	4.24	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	86		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-55
 Client ID: DP-063-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 21:22
 Analyst: BS
 Percent Solids: 84%

Date Collected: 07/10/15 14:50
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.5	0.048	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-56
 Client ID: DP-064-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 06:50
 Analyst: AR
 Percent Solids: 87%

Date Collected: 07/10/15 14:52
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.7	J	mg/kg	36.6	4.08	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	75		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-56
 Client ID: DP-064-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 23:21
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/10/15 14:52
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-57
 Client ID: DP-064-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 10:42
 Analyst: AR
 Percent Solids: 91%

Date Collected: 07/10/15 14:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	6.06	J	mg/kg	34.8	3.88	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	95		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-57
 Client ID: DP-064-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 00:00
 Analyst: BS
 Percent Solids: 91%

Date Collected: 07/10/15 14:55
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-58
 Client ID: DP-064-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 10:07
 Analyst: AR
 Percent Solids: 83%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	26.0	J	mg/kg	39.8	4.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	55		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-58
 Client ID: DP-064-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 00:40
 Analyst: BS
 Percent Solids: 83%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.6	0.050	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	92		70-130
4-Bromofluorobenzene	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-59
 Client ID: DP-064-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/14/15 06:18
 Analyst: AR
 Percent Solids: 81%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	21.6	J	mg/kg	40.0	4.46	1
---------------	------	---	-------	------	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	90		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-59
 Client ID: DP-064-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/20/15 01:19
 Analyst: BS
 Percent Solids: 81%

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.057	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	98		70-130

Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/13/15 02:24
 Analyst: SW

Extraction Method: EPA 3546
 Extraction Date: 07/11/15 16:24

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 04-23 Batch: WG801865-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.6	3.53

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	61		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 05:41
Analyst: SW

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

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 24-43 Batch: WG801878-1					
Total Petroleum Hydrocarbons (C9-C44)	5.90	J	mg/kg	32.3	3.61

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	62		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/14/15 02:31
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/11/15 17:49

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 44-59 Batch: WG801880-1					
Total Petroleum Hydrocarbons (C9-C44)	4.01	J	mg/kg	31.3	3.50

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

Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

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 3510C
 Extraction Date: 07/12/15 05:14

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 02-03 Batch: WG801926-1					
Total Petroleum Hydrocarbons (C9-C44)	74.9	J	ug/l	500	21.0

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 02-03 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: L1515969
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): 04-06 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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 13:34
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 07-18 Batch: WG804053-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	94		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/17/15 14:51
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 19-27,29-30 Batch: WG804058-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	93		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 02:57
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 31-42 Batch: WG804060-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	84		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/18/15 15:03
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 43-54 Batch: WG804061-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	83		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 20:43
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 55-59 Batch: WG804240-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	84		70-130
4-Bromofluorobenzene	92		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 08:47
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 28 Batch: WG804241-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	95		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 04-23 Batch: WG801865-2								
Total Petroleum Hydrocarbons (C9-C44)	96		-		40-140	-		40

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
o-Terphenyl	72				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 24-43 Batch: WG801878-2								
Total Petroleum Hydrocarbons (C9-C44)	78		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	55				40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 44-59 Batch: WG801880-2								
Total Petroleum Hydrocarbons (C9-C44)	101		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	94				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 02-03 Batch: WG801926-2 WG801926-3								
DROD (C9-C44)	71		78		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	77		85		40-140

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 02-03 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: L1515969
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): 04-06 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

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 07-18 Batch: WG804053-1 WG804053-2								
Gasoline Range Organics	89		89		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	98		96		70-130
4-Bromofluorobenzene	101		100		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 19-27,29-30 Batch: WG804058-1 WG804058-2								
Gasoline Range Organics	86		97		80-120	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	103		105		70-130
4-Bromofluorobenzene	94		98		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 31-42 Batch: WG804060-1 WG804060-2								
Gasoline Range Organics	92		94		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	98		101		70-130
4-Bromofluorobenzene	94		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 43-54 Batch: WG804061-1 WG804061-2								
Gasoline Range Organics	90		94		80-120	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	97		99		70-130
4-Bromofluorobenzene	91		93		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 55-59 Batch: WG804240-1 WG804240-2								
Gasoline Range Organics	90		91		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		99		70-130
4-Bromofluorobenzene	109		106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 28 Batch: WG804241-1 WG804241-2								
Gasoline Range Organics	96		98		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		106		70-130
4-Bromofluorobenzene	96		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 04-06 QC Batch ID: WG804052-5 QC Sample: L1515823-39 Client ID: MS Sample												
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

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 07-18 QC Batch ID: WG804053-5 QC Sample: L1515969-07 Client ID: DP-051-SO-100-01												
Gasoline Range Organics	ND	23.2	20	86		-	-		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	98				70-130
4-Bromofluorobenzene	102				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 19-27,29-30 QC Batch ID: WG804058-5 QC Sample: L1515969-19 Client ID: DP-053-SO-010-01												
Gasoline Range Organics	ND	20.8	20	96		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	81				70-130

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 31-42 QC Batch ID: WG804060-5 QC Sample: L1515969-31 Client ID: DP-056-SO-100-01												
Gasoline Range Organics	ND	20	18	92		-	-		80-120	-		20

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

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 43-54 QC Batch ID: WG804061-5 QC Sample: L1515969-43 Client ID: DP-060-SO-010-01												
Gasoline Range Organics	ND	22.2	20	89		-	-		80-120	-		20

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

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 55-59 QC Batch ID: WG804240-5 QC Sample: L1515969-55 Client ID: DP-063-SO-100-01												
Gasoline Range Organics	ND	20.1	18	88		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	107				70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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>MS Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>MSD Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>RPD Qual</i>	<i>RPD Limits</i>
Gasoline Range Organics - Westborough Lab Associated sample(s): 28 QC Batch ID: WG804241-5 QC Sample: L1515969-28 Client ID: DP-055-SO-100-01												
Gasoline Range Organics	ND	22.6	21	94		-	-		80-120	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,1,1-Trifluorotoluene	101				70-130
4-Bromofluorobenzene	84				70-130

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG801865-3 QC Sample: L1515969-04 Client ID: DP-050-SO-050-01						
Total Petroleum Hydrocarbons (C9-C44)	404	205	mg/kg	65	Q	40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	65		70		40-140

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 24-43 QC Batch ID: WG801878-3 QC Sample: L1515969-24 Client ID: DP-054-SO-100-01						
Total Petroleum Hydrocarbons (C9-C44)	112	138	mg/kg	21		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	63		62		40-140



Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 44-59 QC Batch ID: WG801880-3 QC Sample: L1515969-44 Client ID: DP-060-SO-050-01					
Total Petroleum Hydrocarbons (C9-C44)	49.2	33.7J	mg/kg	NC	40

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
o-Terphenyl	92	88	40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04-06 QC Batch ID: WG804052-4 QC Sample: L1515823-39 Client ID: DUP Sample					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87	96	70-130
4-Bromofluorobenzene	91	103	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 07-18 QC Batch ID: WG804053-4 QC Sample: L1515969-07 Client ID: DP-051-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		97		70-130
4-Bromofluorobenzene	89		104		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 19-27,29-30 QC Batch ID: WG804058-4 QC Sample: L1515969-19 Client ID: DP-053-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	86		94		70-130
4-Bromofluorobenzene	71		77		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 31-42 QC Batch ID: WG804060-4 QC Sample: L1515969-31 Client ID: DP-056-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	85		94		70-130
4-Bromofluorobenzene	71		78		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 43-54 QC Batch ID: WG804061-4 QC Sample: L1515969-43 Client ID: DP-060-SO-010-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88		91		70-130
4-Bromofluorobenzene	75		80		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 55-59 QC Batch ID: WG804240-4 QC Sample: L1515969-55 Client ID: DP-063-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	88	93	70-130
4-Bromofluorobenzene	94	100	70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 28 QC Batch ID: WG804241-4 QC Sample: L1515969-28 Client ID: DP-055-SO-100-01					
Gasoline Range Organics	ND	ND	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		94		70-130
4-Bromofluorobenzene	80		81		70-130

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-02
 Client ID: EB01-071015
 Sample Location: Not Specified
 Matrix: Water

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Antimony, Total	14.7	J	ug/l	50.0	8.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Arsenic, Total	3.70	J	ug/l	5.00	2.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Barium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Calcium, Total	110		ug/l	100	30.	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Chromium, Total	2.2	J	ug/l	10.	2.0	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Copper, Total	15.0		ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Iron, Total	140		ug/l	50.	20.	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Lead, Total	ND		ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Magnesium, Total	15.	J	ug/l	100	10.	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Manganese, Total	2.70	J	ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/14/15 14:15	07/14/15 20:25	EPA 7470A	1,7470A	EA
Nickel, Total	5.80	J	ug/l	25.0	4.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Potassium, Total	ND		ug/l	2500	400	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Selenium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Silver, Total	ND		ug/l	7.00	2.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Sodium, Total	ND		ug/l	2000	300	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Thallium, Total	ND		ug/l	20.0	4.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT
Zinc, Total	ND		ug/l	50.0	7.00	1	07/13/15 13:47	07/15/15 15:56	EPA 3005A	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-03
 Client ID: EB02-071015
 Sample Location: Not Specified
 Matrix: Water

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		ug/l	100	20.	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Antimony, Total	ND		ug/l	50.0	8.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Arsenic, Total	3.40	J	ug/l	5.00	2.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Barium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Beryllium, Total	ND		ug/l	5.00	1.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Cadmium, Total	ND		ug/l	5.00	0.700	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Calcium, Total	140		ug/l	100	30.	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Chromium, Total	ND		ug/l	10	2.0	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Cobalt, Total	ND		ug/l	20.0	5.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Copper, Total	4.00	J	ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Iron, Total	23.	J	ug/l	50.	20.	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Lead, Total	ND		ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Magnesium, Total	24.	J	ug/l	100	10.	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Manganese, Total	2.90	J	ug/l	10.0	2.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Mercury, Total	ND		ug/l	0.2000	0.0660	1	07/14/15 14:15	07/14/15 20:27	EPA 7470A	1,7470A	EA
Nickel, Total	ND		ug/l	25.0	4.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Potassium, Total	ND		ug/l	2500	400	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Selenium, Total	ND		ug/l	10.0	3.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Silver, Total	ND		ug/l	7.00	2.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Sodium, Total	310	J	ug/l	2000	300	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Thallium, Total	ND		ug/l	20.0	4.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Vanadium, Total	ND		ug/l	10.0	1.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT
Zinc, Total	ND		ug/l	50.0	7.00	1	07/13/15 13:47	07/15/15 15:37	EPA 3005A	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-15
 Client ID: DP-047-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 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	8.6	1.7	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Barium, Total	77		mg/kg	0.86	0.26	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Beryllium, Total	0.41	J	mg/kg	0.43	0.09	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Calcium, Total	14000		mg/kg	8.6	2.6	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Cobalt, Total	5.2		mg/kg	1.7	0.43	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Copper, Total	13		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.3	1.7	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Lead, Total	59		mg/kg	4.3	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Magnesium, Total	900		mg/kg	8.6	0.86	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Mercury, Total	0.12		mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:13	EPA 7471B	1,7471B	DB
Nickel, Total	7.0		mg/kg	2.2	0.34	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Potassium, Total	570		mg/kg	220	34.	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Sodium, Total	37	J	mg/kg	170	26.	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Vanadium, Total	23		mg/kg	0.86	0.09	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT
Zinc, Total	66		mg/kg	4.3	0.60	2	07/13/15 06:53	07/14/15 20:35	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-16
 Client ID: DP-047-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	9.3	1.9	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.7	0.75	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Arsenic, Total	10		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Barium, Total	89		mg/kg	0.93	0.28	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Beryllium, Total	0.48		mg/kg	0.47	0.09	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Calcium, Total	5000		mg/kg	9.3	2.8	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Cobalt, Total	5.5		mg/kg	1.9	0.47	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Copper, Total	21		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.7	1.9	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Lead, Total	77		mg/kg	4.7	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.3	0.93	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Mercury, Total	0.49		mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:21	EPA 7471B	1,7471B	DB
Nickel, Total	8.2		mg/kg	2.3	0.37	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Potassium, Total	700		mg/kg	230	37.	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Sodium, Total	36	J	mg/kg	190	28.	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Vanadium, Total	29		mg/kg	0.93	0.09	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT
Zinc, Total	84		mg/kg	4.7	0.65	2	07/13/15 06:53	07/14/15 20:38	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-17
 Client ID: DP-047-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/10/15 08:55
 Date Received: 07/10/15
 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	17000		mg/kg	9.2	1.8	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Arsenic, Total	14		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Barium, Total	84		mg/kg	0.92	0.28	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Beryllium, Total	0.57		mg/kg	0.46	0.09	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.92	0.06	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Calcium, Total	1800		mg/kg	9.2	2.8	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Chromium, Total	19		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Cobalt, Total	11		mg/kg	1.8	0.46	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Iron, Total	27000		mg/kg	4.6	1.8	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Lead, Total	2.4	J	mg/kg	4.6	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Magnesium, Total	2000		mg/kg	9.2	0.92	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Manganese, Total	520		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:26	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.3	0.37	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Potassium, Total	860		mg/kg	230	37.	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Sodium, Total	30	J	mg/kg	180	28.	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Vanadium, Total	33		mg/kg	0.92	0.09	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT
Zinc, Total	60		mg/kg	4.6	0.64	2	07/13/15 06:53	07/14/15 20:42	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-18
 Client ID: DP-047-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	8.8	1.8	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.70	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Arsenic, Total	13		mg/kg	0.88	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Barium, Total	53		mg/kg	0.88	0.26	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Beryllium, Total	0.64		mg/kg	0.44	0.09	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.88	0.06	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Calcium, Total	1800		mg/kg	8.8	2.6	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Chromium, Total	18		mg/kg	0.88	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Cobalt, Total	7.4		mg/kg	1.8	0.44	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Copper, Total	63		mg/kg	0.88	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.4	1.8	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Lead, Total	64		mg/kg	4.4	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Magnesium, Total	720		mg/kg	8.8	0.88	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Manganese, Total	390		mg/kg	0.88	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Mercury, Total	1.3		mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:28	EPA 7471B	1,7471B	DB
Nickel, Total	9.2		mg/kg	2.2	0.35	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Potassium, Total	560		mg/kg	220	35.	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.26	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.88	0.18	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Sodium, Total	100	J	mg/kg	180	26.	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.35	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Vanadium, Total	31		mg/kg	0.88	0.09	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT
Zinc, Total	86		mg/kg	4.4	0.61	2	07/13/15 06:53	07/14/15 20:46	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-19
 Client ID: DP-053-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 92%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	8.5	1.7	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Arsenic, Total	22		mg/kg	0.85	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Barium, Total	45		mg/kg	0.85	0.25	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Beryllium, Total	0.21	J	mg/kg	0.42	0.09	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Cadmium, Total	0.09	J	mg/kg	0.85	0.06	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Calcium, Total	25000		mg/kg	8.5	2.5	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Chromium, Total	21		mg/kg	0.85	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Cobalt, Total	8.4		mg/kg	1.7	0.42	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Copper, Total	43		mg/kg	0.85	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Iron, Total	20000		mg/kg	4.2	1.7	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Lead, Total	6.6		mg/kg	4.2	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Magnesium, Total	8900		mg/kg	8.5	0.85	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Manganese, Total	290		mg/kg	0.85	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:30	EPA 7471B	1,7471B	DB
Nickel, Total	18		mg/kg	2.1	0.34	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Potassium, Total	1200		mg/kg	210	34.	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.25	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.85	0.17	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Sodium, Total	370		mg/kg	170	25.	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Vanadium, Total	66		mg/kg	0.85	0.09	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT
Zinc, Total	69		mg/kg	4.2	0.59	2	07/13/15 06:53	07/14/15 20:49	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-20
 Client ID: DP-053-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 95%

Date Collected: 07/10/15 10:10
 Date Received: 07/10/15
 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	3100		mg/kg	8.1	1.6	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.1	0.65	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Arsenic, Total	7.4		mg/kg	0.81	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Barium, Total	19		mg/kg	0.81	0.24	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Beryllium, Total	0.27	J	mg/kg	0.41	0.08	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.81	0.06	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Calcium, Total	310		mg/kg	8.1	2.4	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Chromium, Total	7.5		mg/kg	0.81	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Cobalt, Total	2.5		mg/kg	1.6	0.41	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Copper, Total	5.0		mg/kg	0.81	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Iron, Total	16000		mg/kg	4.1	1.6	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.1	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Magnesium, Total	590		mg/kg	8.1	0.81	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Manganese, Total	100		mg/kg	0.81	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:32	EPA 7471B	1,7471B	DB
Nickel, Total	5.0		mg/kg	2.0	0.32	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Potassium, Total	220		mg/kg	200	32.	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.6	0.24	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.81	0.16	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Sodium, Total	29	J	mg/kg	160	24.	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.6	0.32	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Vanadium, Total	11		mg/kg	0.81	0.08	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT
Zinc, Total	15		mg/kg	4.1	0.57	2	07/13/15 06:53	07/14/15 20:53	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-21
 Client ID: DP-053-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	8.6	1.7	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Arsenic, Total	8.7		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Barium, Total	84		mg/kg	0.86	0.26	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Beryllium, Total	0.68		mg/kg	0.43	0.09	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.86	0.06	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Calcium, Total	8700		mg/kg	8.6	2.6	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Chromium, Total	24		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Cobalt, Total	10		mg/kg	1.7	0.43	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Copper, Total	28		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Iron, Total	21000		mg/kg	4.3	1.7	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.3	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Magnesium, Total	6900		mg/kg	8.6	0.86	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Mercury, Total	ND		mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:34	EPA 7471B	1,7471B	DB
Nickel, Total	26		mg/kg	2.2	0.34	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Potassium, Total	5100		mg/kg	220	34.	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Sodium, Total	180		mg/kg	170	26.	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Vanadium, Total	28		mg/kg	0.86	0.09	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT
Zinc, Total	61		mg/kg	4.3	0.60	2	07/13/15 06:53	07/14/15 20:57	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-22
 Client ID: DP-054-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/10/15 10:20
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7400		mg/kg	8.9	1.8	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.4	0.71	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Arsenic, Total	7.4		mg/kg	0.89	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Barium, Total	70		mg/kg	0.89	0.27	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Beryllium, Total	0.33	J	mg/kg	0.44	0.09	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Cadmium, Total	0.07	J	mg/kg	0.89	0.06	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Calcium, Total	75000		mg/kg	8.9	2.7	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Chromium, Total	26		mg/kg	0.89	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Cobalt, Total	5.8		mg/kg	1.8	0.44	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Copper, Total	16		mg/kg	0.89	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Iron, Total	12000		mg/kg	4.4	1.8	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Lead, Total	14		mg/kg	4.4	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Magnesium, Total	8900		mg/kg	8.9	0.89	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Manganese, Total	320		mg/kg	0.89	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:35	EPA 7471B	1,7471B	DB
Nickel, Total	30		mg/kg	2.2	0.36	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Potassium, Total	920		mg/kg	220	36.	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.89	0.18	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Sodium, Total	500		mg/kg	180	27.	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Vanadium, Total	34		mg/kg	0.89	0.09	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.4	0.62	2	07/13/15 06:53	07/14/15 21:31	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-23
 Client ID: DP-054-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 07/10/15 10:25
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3400		mg/kg	8.6	1.7	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.68	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Arsenic, Total	3.7		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Barium, Total	22		mg/kg	0.86	0.26	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Beryllium, Total	0.17	J	mg/kg	0.43	0.09	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Cadmium, Total	0.09	J	mg/kg	0.86	0.06	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Calcium, Total	1900		mg/kg	8.6	2.6	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Chromium, Total	12		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Cobalt, Total	4.0		mg/kg	1.7	0.43	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Copper, Total	6.2		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Iron, Total	6100		mg/kg	4.3	1.7	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Lead, Total	10		mg/kg	4.3	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Magnesium, Total	1100		mg/kg	8.6	0.86	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Manganese, Total	92		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:37	EPA 7471B	1,7471B	DB
Nickel, Total	6.8		mg/kg	2.1	0.34	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Potassium, Total	560		mg/kg	210	34.	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.86	0.17	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Sodium, Total	77	J	mg/kg	170	26.	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Vanadium, Total	11		mg/kg	0.86	0.09	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT
Zinc, Total	26		mg/kg	4.3	0.60	2	07/13/15 06:53	07/14/15 21:34	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-24
 Client ID: DP-054-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 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	9.2	1.8	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Arsenic, Total	9.0		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Barium, Total	73		mg/kg	0.92	0.28	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Beryllium, Total	0.54		mg/kg	0.46	0.09	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Cadmium, Total	0.18	J	mg/kg	0.92	0.07	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Calcium, Total	9800		mg/kg	9.2	2.8	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Chromium, Total	13		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Cobalt, Total	7.2		mg/kg	1.8	0.46	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Copper, Total	19		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.6	1.8	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Lead, Total	140		mg/kg	4.6	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Magnesium, Total	980		mg/kg	9.2	0.92	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Manganese, Total	210		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Mercury, Total	0.60		mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:39	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.3	0.37	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	230	37.	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.28	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.92	0.18	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Sodium, Total	130	J	mg/kg	180	28.	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.37	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Vanadium, Total	20		mg/kg	0.92	0.09	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT
Zinc, Total	120		mg/kg	4.6	0.65	2	07/13/15 06:53	07/14/15 21:38	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-25
 Client ID: DP-054-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6800		mg/kg	9.0	1.8	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Arsenic, Total	9.8		mg/kg	0.90	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Barium, Total	78		mg/kg	0.90	0.27	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Beryllium, Total	0.55		mg/kg	0.45	0.09	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Cadmium, Total	0.23	J	mg/kg	0.90	0.06	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Calcium, Total	2300		mg/kg	9.0	2.7	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.90	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Cobalt, Total	8.0		mg/kg	1.8	0.45	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Copper, Total	22		mg/kg	0.90	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Iron, Total	14000		mg/kg	4.5	1.8	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Lead, Total	110		mg/kg	4.5	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Magnesium, Total	920		mg/kg	9.0	0.90	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Manganese, Total	210		mg/kg	0.90	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Mercury, Total	0.63		mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:41	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	2.2	0.36	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	220	36.	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.90	0.18	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Sodium, Total	69	J	mg/kg	180	27.	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.90	0.09	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT
Zinc, Total	140		mg/kg	4.5	0.63	2	07/13/15 06:53	07/14/15 21:42	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-26
 Client ID: DP-055-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 07/10/15 10:35
 Date Received: 07/10/15
 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	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.5	0.73	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Arsenic, Total	11		mg/kg	0.91	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Barium, Total	28		mg/kg	0.91	0.27	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Beryllium, Total	0.51		mg/kg	0.45	0.09	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Calcium, Total	1000		mg/kg	9.1	2.7	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.91	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Cobalt, Total	2.5		mg/kg	1.8	0.45	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Copper, Total	10		mg/kg	0.91	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Iron, Total	24000		mg/kg	4.5	1.8	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Lead, Total	ND		mg/kg	4.5	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Magnesium, Total	610		mg/kg	9.1	0.91	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Manganese, Total	80		mg/kg	0.91	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:42	EPA 7471B	1,7471B	DB
Nickel, Total	4.8		mg/kg	2.3	0.36	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Potassium, Total	380		mg/kg	230	36.	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.91	0.18	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Sodium, Total	74	J	mg/kg	180	27.	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Vanadium, Total	29		mg/kg	0.91	0.09	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT
Zinc, Total	22		mg/kg	4.5	0.64	2	07/13/15 06:53	07/14/15 21:45	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-27
 Client ID: DP-055-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/10/15 10:40
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8800		mg/kg	8.7	1.7	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Arsenic, Total	9.8		mg/kg	0.87	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Barium, Total	63		mg/kg	0.87	0.26	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Beryllium, Total	0.50		mg/kg	0.43	0.09	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.87	0.06	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Calcium, Total	2200		mg/kg	8.7	2.6	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Chromium, Total	23		mg/kg	0.87	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Cobalt, Total	5.4		mg/kg	1.7	0.43	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Copper, Total	12		mg/kg	0.87	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Iron, Total	19000		mg/kg	4.3	1.7	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Lead, Total	82		mg/kg	4.3	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Magnesium, Total	850		mg/kg	8.7	0.87	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Manganese, Total	130		mg/kg	0.87	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	07/16/15 03:53	07/16/15 11:48	EPA 7471B	1,7471B	DB
Nickel, Total	6.6		mg/kg	2.2	0.35	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	220	35.	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.87	0.17	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Sodium, Total	120	J	mg/kg	170	26.	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.7	0.35	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Vanadium, Total	32		mg/kg	0.87	0.09	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT
Zinc, Total	44		mg/kg	4.3	0.61	2	07/13/15 06:53	07/14/15 21:49	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-28
 Client ID: DP-055-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 83%

Date Collected: 07/10/15 10:45
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8100		mg/kg	9.3	1.9	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Antimony, Total	ND		mg/kg	4.6	0.74	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Arsenic, Total	9.1		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Barium, Total	72		mg/kg	0.93	0.28	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Beryllium, Total	0.60		mg/kg	0.46	0.09	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.93	0.07	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Calcium, Total	1600		mg/kg	9.3	2.8	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Chromium, Total	15		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Cobalt, Total	15		mg/kg	1.9	0.46	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Copper, Total	17		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Iron, Total	13000		mg/kg	4.6	1.9	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Lead, Total	53		mg/kg	4.6	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Magnesium, Total	1000		mg/kg	9.3	0.93	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Manganese, Total	310		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Mercury, Total	0.87		mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:50	EPA 7471B	1,7471B	DB
Nickel, Total	10		mg/kg	2.3	0.37	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Potassium, Total	660		mg/kg	230	37.	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Selenium, Total	ND		mg/kg	1.9	0.28	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Silver, Total	ND		mg/kg	0.93	0.19	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Sodium, Total	110	J	mg/kg	190	28.	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Thallium, Total	ND		mg/kg	1.9	0.37	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Vanadium, Total	21		mg/kg	0.93	0.09	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT
Zinc, Total	61		mg/kg	4.6	0.65	2	07/13/15 06:53	07/14/15 21:53	EPA 3050B	1,6010C	TT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 15-28 Batch: WG801994-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Antimony, Total	ND		mg/kg	2.0	0.32	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Arsenic, Total	ND		mg/kg	0.40	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Barium, Total	ND		mg/kg	0.40	0.12	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Beryllium, Total	ND		mg/kg	0.20	0.04	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Cadmium, Total	ND		mg/kg	0.40	0.03	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Calcium, Total	ND		mg/kg	4.0	1.2	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Chromium, Total	ND		mg/kg	0.40	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Cobalt, Total	ND		mg/kg	0.80	0.20	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Copper, Total	0.10	J	mg/kg	0.40	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Iron, Total	ND		mg/kg	2.0	0.80	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Lead, Total	ND		mg/kg	2.0	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Magnesium, Total	ND		mg/kg	4.0	0.40	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Manganese, Total	ND		mg/kg	0.40	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Nickel, Total	ND		mg/kg	1.0	0.16	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Potassium, Total	ND		mg/kg	100	16.	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Selenium, Total	ND		mg/kg	0.80	0.12	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Silver, Total	ND		mg/kg	0.40	0.08	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Sodium, Total	ND		mg/kg	80	12.	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Thallium, Total	ND		mg/kg	0.80	0.16	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Vanadium, Total	ND		mg/kg	0.40	0.04	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT
Zinc, Total	ND		mg/kg	2.0	0.28	1	07/13/15 06:53	07/14/15 19:46	1,6010C	TT

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-03 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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

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

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): 02-03 Batch: WG802559-1									
Mercury, Total	ND	ug/l	0.2000	0.0660	1	07/14/15 14:15	07/14/15 20:12	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): 15-28 Batch: WG803151-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/16/15 03:53	07/16/15 11:04	1,7471B	DB



Project Name: BUZZARD POINT

Lab Number: L1515969

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: L1515969

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): 15-28 Batch: WG801994-2 SRM Lot Number: D088-540								
Aluminum, Total	98		-		48-151	-		
Antimony, Total	187		-		1-208	-		
Arsenic, Total	114		-		79-121	-		
Barium, Total	99		-		83-117	-		
Beryllium, Total	106		-		83-117	-		
Cadmium, Total	103		-		83-117	-		
Calcium, Total	98		-		81-119	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	102		-		84-115	-		
Copper, Total	106		-		81-118	-		
Iron, Total	116		-		45-155	-		
Lead, Total	90		-		81-117	-		
Magnesium, Total	94		-		76-124	-		
Manganese, Total	101		-		81-118	-		
Nickel, Total	102		-		83-117	-		
Potassium, Total	100		-		71-129	-		
Selenium, Total	108		-		78-122	-		
Silver, Total	105		-		75-124	-		
Sodium, Total	99		-		72-127	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	107		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-28 Batch: WG801994-2 SRM Lot Number: D088-540					
Zinc, Total	106	-	82-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 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: L1515969

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG802007-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG802559-2					
Mercury, Total	104	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 15-28 Batch: WG803151-2 SRM Lot Number: D088-540					
Mercury, Total	107	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 15-28 QC Batch ID: WG801994-4 QC Sample: L1515374-08 Client ID: MS Sample												
Aluminum, Total	15000	324	19000	1230	Q	-	-		75-125	-		20
Antimony, Total	ND	81.1	68	84		-	-		75-125	-		20
Arsenic, Total	23.	19.5	46	118		-	-		75-125	-		20
Barium, Total	240	324	600	111		-	-		75-125	-		20
Beryllium, Total	0.84	8.11	9.6	108		-	-		75-125	-		20
Cadmium, Total	1.2J	8.27	10	121		-	-		75-125	-		20
Calcium, Total	6700	1620	9000	142	Q	-	-		75-125	-		20
Chromium, Total	22.	32.4	57	108		-	-		75-125	-		20
Cobalt, Total	12.	81.1	95	102		-	-		75-125	-		20
Copper, Total	33.	40.5	80	116		-	-		75-125	-		20
Iron, Total	43000	162	46000	1850	Q	-	-		75-125	-		20
Lead, Total	46.	82.7	130	102		-	-		75-125	-		20
Magnesium, Total	2800	1620	4600	111		-	-		75-125	-		20
Manganese, Total	300	81.1	400	123		-	-		75-125	-		20
Nickel, Total	29.	81.1	110	100		-	-		75-125	-		20
Potassium, Total	1100	1620	3000	117		-	-		75-125	-		20
Selenium, Total	ND	19.5	20	103		-	-		75-125	-		20
Silver, Total	ND	48.6	49	101		-	-		75-125	-		20
Sodium, Total	ND	1620	1700	105		-	-		75-125	-		20
Thallium, Total	ND	19.5	20	103		-	-		75-125	-		20
Vanadium, Total	33.	81.1	120	107		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 15-28 QC Batch ID: WG801994-4 QC Sample: L1515374-08 Client ID: MS Sample									
Zinc, Total	220	81.1	340	148	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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): 02-03 QC Batch ID: WG802007-4 QC Sample: L1515969-03 Client ID: EB02-071015									
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: L1515969
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): 02-03 QC Batch ID: WG802007-4 QC Sample: L1515969-03 Client ID: EB02-071015									
Zinc, Total	ND	500	579	116	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG802559-4 QC Sample: L1516031-08 Client ID: MS Sample									
Mercury, Total	ND	5	4.929	98	-	-	80-120	-	20
Total Metals - Westborough Lab Associated sample(s): 15-28 QC Batch ID: WG803151-4 QC Sample: L1515969-15 Client ID: DP-047-SO-010-01									
Mercury, Total	0.12	0.152	0.33	138	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-28 QC Batch ID: WG801994-3 QC Sample: L1515374-08 Client ID: DUP Sample						
Aluminum, Total	15000	15000	mg/kg	0		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	23.	21	mg/kg	9		20
Barium, Total	240	230	mg/kg	4		20
Beryllium, Total	0.84	0.81	mg/kg	4		20
Cadmium, Total	1.2J	1.4J	mg/kg	NC		20
Calcium, Total	6700	6700	mg/kg	0		20
Chromium, Total	22.	22	mg/kg	0		20
Cobalt, Total	12.	12	mg/kg	0		20
Copper, Total	33.	34	mg/kg	3		20
Iron, Total	43000	39000	mg/kg	10		20
Lead, Total	46.	51	mg/kg	10		20
Magnesium, Total	2800	2800	mg/kg	0		20
Manganese, Total	300	260	mg/kg	14		20
Nickel, Total	29.	30	mg/kg	3		20
Potassium, Total	1100	1100	mg/kg	0		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 15-28 QC Batch ID: WG801994-3 QC Sample: L1515374-08 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	33.	33	mg/kg	0	20
Zinc, Total	220	220	mg/kg	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG802007-3 QC Sample: L1515969-03 Client ID: EB02-071015					
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: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG802007-3 QC Sample: L1515969-03 Client ID: EB02-071015					
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): 02-03 QC Batch ID: WG802559-3 QC Sample: L1516031-08 Client ID: DUP Sample					
Mercury, Total	ND	ND	ug/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 15-28 QC Batch ID: WG803151-3 QC Sample: L1515969-15 Client ID: DP-047-SO-010-01					
Mercury, Total	0.12	0.56	mg/kg	129 Q	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-04
 Client ID: DP-050-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-05
 Client ID: DP-050-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:25
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-06
 Client ID: DP-051-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:35
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-07
 Client ID: DP-051-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-08
 Client ID: DP-051-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:44
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-09
 Client ID: DP-048-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-10
 Client ID: DP-048-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-11
 Client ID: DP-049-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 09:17
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-12
 Client ID: DP-049-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 09:20
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-13
 Client ID: DP-052-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 09:40
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.5		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-14
 Client ID: DP-052-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 09:45
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-15
 Client ID: DP-047-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-16
 Client ID: DP-047-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:50
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-17
 Client ID: DP-047-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 08:55
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-18
 Client ID: DP-047-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 09:00
 Date Received: 07/10/15
 Field 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	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-19
 Client ID: DP-053-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-20
 Client ID: DP-053-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-21
 Client ID: DP-053-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-22
 Client ID: DP-054-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:20
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-23
 Client ID: DP-054-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:25
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	07/13/15 11:53	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-24
 Client ID: DP-054-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-25
 Client ID: DP-054-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:30
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-26
 Client ID: DP-055-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:35
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-27
 Client ID: DP-055-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:40
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-28
 Client ID: DP-055-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 10:45
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-29
 Client ID: DP-056-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:10
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-30
 Client ID: DP-056-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:13
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-31
 Client ID: DP-056-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:15
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-32
 Client ID: DP-057-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:20
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-33
 Client ID: DP-057-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:22
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-34
 Client ID: DP-057-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-35
 Client ID: DP-057-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:25
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-36
 Client ID: DP-058-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 12:55
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-37
 Client ID: DP-058-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:00
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-38
 Client ID: DP-058-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:05
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-39
 Client ID: DP-059-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-40
 Client ID: DP-059-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:20
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/15/15 03:02	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-41
 Client ID: DP-059-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:25
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-42
 Client ID: DP-059-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:30
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-43
 Client ID: DP-060-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:35
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-44
 Client ID: DP-060-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:40
 Date Received: 07/10/15
 Field 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	-	07/13/15 13:05	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-45
 Client ID: DP-060-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 13:45
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-46
 Client ID: DP-061-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:05
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-47
 Client ID: DP-061-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-48
 Client ID: DP-061-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:10
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-49
 Client ID: DP-061-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:15
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-50
 Client ID: DP-062-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:25
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-51
 Client ID: DP-062-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:30
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-52
 Client ID: DP-062-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:35
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-53
 Client ID: DP-063-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:45
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-54
 Client ID: DP-063-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:47
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-55
 Client ID: DP-063-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:50
 Date Received: 07/10/15
 Field 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	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-56
 Client ID: DP-064-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:52
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-57
 Client ID: DP-064-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:55
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-58
 Client ID: DP-064-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/13/15 14:29	30,2540G	AB



Project Name: BUZZARD POINT

Lab Number: L1515969

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1515969-59
 Client ID: DP-064-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/10/15 14:58
 Date Received: 07/10/15
 Field 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	-	07/13/15 14:29	30,2540G	AB



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-23 QC Batch ID: WG802123-1 QC Sample: L1515969-04 Client ID: DP-050-SO-050-01						
Solids, Total	87.8	87.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 24-39,41-44 QC Batch ID: WG802152-1 QC Sample: L1515969-24 Client ID: DP-054-SO-100-01						
Solids, Total	84.5	84.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 45-59 QC Batch ID: WG802189-1 QC Sample: L1515969-45 Client ID: DP-060-SO-100-01						
Solids, Total	82.3	82.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 40 QC Batch ID: WG802724-1 QC Sample: L1515875-01 Client ID: DUP Sample						
Solids, Total	95.0	94.0	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

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
D	Absent
B	Absent
C	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-01A	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-8260(14)
L1515969-01B	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-8260(14)
L1515969-02A	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-8260(14)
L1515969-02B	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515969-02C	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515969-02D	Plastic 250ml HNO3 preserved	D	<2	3.0	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)
L1515969-02E	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	PA-TPH-DROD-C44(7)
L1515969-02F	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	PA-8270(7)
L1515969-03A	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-8260(14)
L1515969-03B	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)
L1515969-03C	Vial HCl preserved	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14),PA-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-03D	Plastic 250ml HNO3 preserved	D	<2	3.0	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)
L1515969-03E	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	PA-TPH-DROD-C44(7)
L1515969-03F	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	PA-8270(7)
L1515969-03G	Amber 1000ml unpreserved	D	7	3.0	Y	Absent	PA-8270(7)
L1515969-04A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-04B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-04X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-05A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-05B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-05X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-06A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-06B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-06X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-07A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-07B	Vial Large Septa unpreserved (4o	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-07X	Vial MeOH preserved split	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14)
L1515969-08A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14)
L1515969-08X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-09A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-09B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-09X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-10A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-10B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-10X	Vial MeOH preserved split	A	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: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-11A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-11B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-11X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-12A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-12B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-12X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-13A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-13B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-13X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-14A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14)
L1515969-14B	Vial Large Septa unpreserved (4o	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-14X	Vial MeOH preserved split	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14)
L1515969-15A	Glass 250ml/8oz unpreserved	A	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)
L1515969-15B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-15X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-16A	Vial Large Septa unpreserved (4o	A	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)
L1515969-16B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-16X	Vial MeOH preserved split	A	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: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-17A	Glass 250ml/8oz unpreserved	A	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)
L1515969-17B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-17X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-18A	Glass 250ml/8oz unpreserved	A	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)
L1515969-18B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-18X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-19A	Glass 250ml/8oz unpreserved	A	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)
L1515969-19B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-19X	Vial MeOH preserved split	A	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: L1515969
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-20A	Glass 250ml/8oz unpreserved	A	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)
L1515969-20B	Vial Large Septa unpreserved (4o	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-20X	Vial MeOH preserved split	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14)
L1515969-21A	Glass 250ml/8oz unpreserved	A	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)
L1515969-21B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-21X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-22A	Glass 250ml/8oz unpreserved	A	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)
L1515969-22B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-22X	Vial MeOH preserved split	A	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: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-23A	Glass 250ml/8oz unpreserved	A	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)
L1515969-23B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-23X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-24A	Glass 250ml/8oz unpreserved	A	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)
L1515969-24B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-24X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-25A	Glass 250ml/8oz unpreserved	A	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)
L1515969-25X	Vial MeOH preserved split	A	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: L1515969
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-26A	Glass 250ml/8oz unpreserved	A	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)
L1515969-26B	Vial Large Septa unpreserved (4o	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-26X	Vial MeOH preserved split	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14)
L1515969-27A	Glass 250ml/8oz unpreserved	D	N/A	3.0	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)
L1515969-27B	Vial Large Septa unpreserved (4o	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-27X	Vial MeOH preserved split	E	N/A	2.3	Y	Absent	PA-TPH-GRO(14)
L1515969-28A	Glass 250ml/8oz unpreserved	D	N/A	3.0	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)
L1515969-28B	Vial Large Septa unpreserved (4o	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-28X	Vial MeOH preserved split	D	N/A	3.0	Y	Absent	PA-TPH-GRO(14)
L1515969-29A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-29B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-29X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-30A	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-30B	Vial Large Septa unpreserved (4o	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-30X	Vial MeOH preserved split	A	N/A	3.7	Y	Absent	PA-TPH-GRO(14)
L1515969-31A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-31B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-31X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-32A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-32B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-32X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-33A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-33B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-33X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-34A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-34B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-34X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-35A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-35X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-36A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-36B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-36X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-37A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-37B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-37X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-38A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-38B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-38X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-39A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-39B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-39X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-40A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-40X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-41A	Glass 250ml/8oz unpreserved	D	N/A	3.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-41B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-41X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-42A	Glass 250ml/8oz unpreserved	D	N/A	3.0	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-42B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-42X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-43A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-43B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-43X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-44A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-44B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-44X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-45A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-45B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-45X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-46A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-46B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-46X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-47A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-47B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-47X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-48A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14),TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-48X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-49A	Glass 250ml/8oz unpreserved	E	N/A	2.3	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-49B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-49X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-50A	Glass 250ml/8oz unpreserved	C	N/A	2.8	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-50B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-50X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-51A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-51B	Vial Large Septa unpreserved (4o	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-51X	Vial MeOH preserved split	C	N/A	2.8	Y	Absent	PA-TPH-GRO(14)
L1515969-52A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-52B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-52X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-53A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-53B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-53X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-54A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-54B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-54X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-55A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-55B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-55X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-56A	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-56A1	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-56B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-56X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-57A	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-57A1	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-57B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-57X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-58A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1515969

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515969-58A1	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-58B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-58X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)
L1515969-59A	Glass 250ml/8oz unpreserved	B	N/A	2.9	Y	Absent	TS(7),PA-TPH-DROD-C44(14),PA-8270(14)
L1515969-59B	Vial Large Septa unpreserved (4o	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1515969-59X	Vial MeOH preserved split	B	N/A	2.9	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1515969
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: L1515969
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: L1515969
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.



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

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

CHAIN OF CUSTODY

PAGE 1 OF 6

Date Rec'd in Lab: 7-11-15

ALPHA Job #: L1515969

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Billing Information

Same as Client info PO #: _____

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd
San Diego CA 92108

Phone: 619-285-7122

Fax:

Email: kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
hold 1-4oz jar for VOC

ANALYSIS	TAL Metals (6010)	
	TPH C6-C44 (9015)	
	PAH (8270C)	
	VOC (8260B)	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TAL Metals (6010)	TPH C6-C44 (9015)	PAH (8270C)	VOC (8260B)	Sample Specific Comments	TOTAL # BOTTLES
		Date	Time								
15969-01	TB01-071015	7/10/15	0800	W	T.N.				X		2
02	EB01-071015		1505	W		X	X	X	X		6
03	EB02-071015		1500	W		X	X	X	X		7
04	DP-050-80-050-01		0815	SD			X				2
05	DP-050-80- 050 -01		0825				X				2
06	DP-051-50-050-01		0835				X				2
07	DP-051-50-100-01		0844				X				2
08	DP-051-50-100-02		0844				X				1
09	DP-048-80-050-01		0900				X				2
10	DP-048-80-100-01		0910				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>	7/10/15 15:45	<u>[Signature]</u>	7/10/15 15:45
<u>[Signature]</u>	7/10/15 14:00	<u>[Signature]</u>	7/10/15 21:00
<u>[Signature]</u>	7/10/15 16:10	<u>[Signature]</u>	7/11/15 6:10
<u>[Signature]</u>	7/11/15 10:10	<u>[Signature]</u>	7/11/15 10:10



CHAIN OF CUSTODY

PAGE 2 OF 6

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

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

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Email: kkenard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
hold 1-400 jar for VOC

Project Information

Project Name:
Project Location:
Project #: 40223-022
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)
Date Due: Time:

Date Rec'd in Lab: 7-11-15

ALPHA Job #: L1519769

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

ANALYSIS
TAL Metals (6010)
TPH C6-C14 (8015)
PAH (8270 C)

SAMPLE HANDLING

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)

Sample ID

Collection Date Time

Sample Matrix

Sampler's Initials

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS				TOTAL # BOTTLES	
15969-11	DP-049-50-050-01	7/10/15	0917	SO	T.N.	X					2
12	DP-049-50-100-01		0920			X					2
13	DP-052-50-050-01		0940			X					2
14	DP-052-50-100-01		0945			X					2
15	DP-047-50-010-01		0850			X	X	X			2
16	DP-047-50-010-02		0850			X	X	X			2
17	DP-047-50-050-01		0855			X	X	X			2
18	DP-047-50-100-01		0900			X	X	X			2
19	DP-053-50-010-01		1005			X	X	X			2
20	DP-053-50-050-01		1010			X	X	X			2

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Handwritten signatures and dates:
7/10/15 15:45 AAC J...
7/10/15 7:00
7/10/15 6:00 AAC
7/10/15 15:25
7/10/15 2:00
7/10/15 6:10

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

CHAIN OF CUSTODY

PAGE 3 OF 6

Date Rec'd in Lab: 7-11-15

ALPHA Job #: L151 5969



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

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

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd

San Diego CA 92108

Phone: 619-285-7122

Fax:

Email: dkenward@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1.4oz jar for VOC

ANALYSIS	TALM (6010)	TPH (66-144)	PAH (8270C)	TOTAL # BOTTLES
SAMPLE HANDLING				
Filtration _____				
<input type="checkbox"/> Done				
<input type="checkbox"/> Not needed				
<input type="checkbox"/> Lab to do				
Preservation				
<input type="checkbox"/> Lab to do				
(Please specify below)				
Sample Specific Comments				

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			TALM (6010)	TPH (66-144)	PAH (8270C)	
15969 21	DP-053-50-100-01	7/10/15	1015	SO	T.N.	X	X	X	2
22	DP-054-50-010-01	↓	1020	↓	↓	X	X	X	2
23	DP-054-50-050-01		X			X	X	2	
24	DP-054-50-100-01		X			X	X	2	
25	DP-054-50-150-02		X			X	X	1	
26	DP-055-50-010-01		X			X	X	2	
27	DP-055-50-050-01		X			X	X	2	
28	DP-055-50-100-01		X			X	X	2	
29	DP-056-50-010-01		X			X		2	
30	DP-056-50-050-01		X			X		2	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/10/15 15:45</u>	<u>[Signature]</u>	<u>7/10/15 15:45</u>
<u>[Signature]</u>	<u>7/10/15 2:10</u>	<u>[Signature]</u>	<u>7/10/15 2:10</u>
<u>[Signature]</u>	<u>7/10/15 6:10</u>	<u>[Signature]</u>	<u>7/11/15 6:10</u>



CHAIN OF CUSTODY

PAGE 4 OF 6

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

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

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Email: dkernan@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1-4oz jar for VOC

Project Information

Project Name:
Project Location:
Project #: 40223-022
Project Manager:
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Date Rec'd in Lab: 7-11-15

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

ALPHA Job #: CL515969

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

ANALYSIS	TAL Metals (6010)	
	TPH C6-C14 (9015)	
	PAY (82-70c)	

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Specific Comments										TOTAL # BOTTLES						
		Date	Time																			
15969-31	DP-056-50-100-01	7/10/15	1215	SO	T.N.	X	X															2
32	DP-057-50-010-01		1220			X	X															2
33	DP-057-50-050-01		1222			X	X															2
34	DP-057-50-100-01		1225			X	X															2
35	DP-057-50-100-02		1225			X	X															1
36	DP-058-50-010-01		1255			X	X															2
37	DP-058-50-050-01		1300			X	X															2
38	DP-058-50-100-01		1305			X	X															2
39	DP-059-50-010-01		1320			X	X															2
40	DP-059-50-010-02		1320			X	X															2

Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/10/15 15:45</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/10/15 15:45</u>	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/10/15 6:10</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/10/15 7:00</u>	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/10/15 6:10</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/11/15 6:00</u>	
Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/11/15 6:10</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7-11-15 10:10</u>	

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



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

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

CHAIN OF CUSTODY

PAGE 5 OF 6

Date Rec'd in Lab: 7-11-15

ALPHA Job #: C151 5969

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Billing Information

Same as Client info PO #: _____

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Client Information

Client: Haley + Aldrich

Address: 5333 Mission Center Rd
San Diego CA 92108

Phone: 619-285-7122

Fax: _____

Email: dkennarda@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 (6000)

TPH C6-C14 (8015)

PAH (8270 C)

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										TOTAL # BOTTLES					
		Date	Time			TAL Metals (6000)	TPH C6-C14 (8015)	PAH (8270 C)													
5969-41	DP-059-50-050-01	7/10/15	1325	SD	T.N.	X	X												2		
42	DP-059-50-100-01	↓	1330	↓	↓	X	X												2		
43	DP-060-50-010-01		1335			X	X														2
44	DP-060-50-050-01		1340			X	X														2
45	DP-060-50-100-01		1345			X	X														2
46	DP-061-50-010-01		1405			X	X														2
47	DP-061-50-050-01		1410			X	X														2
48	DP-061-50-050-02		1410			X	X														1
49	DP-061-50-100-01		1415			X	X														2
50	DP-062-50-010-01		7/11/15			1425			X	X											2

Relinquished By: <u>[Signature]</u>		Date/Time: <u>7/10/15 15:45</u>		Received By: <u>[Signature]</u>		Date/Time: <u>7/10/15 15:45</u>	

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



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

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

CHAIN OF CUSTODY

PAGE 6 OF 6

Date Rec'd in Lab: 7-11-15

ALPHA Job #: L1515969

Project Information

Project Name:
 Project Location:
 Project #:
 Project Manager:
 ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Halex + Aldrich
 Address: 5333 Mission Center Rd
 San Diego CA 92108
 Phone: 619-285-7127
 Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Email: dkennard@halexaldrich.com
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
 hold 1.4 oz jar for VOC

ANALYSIS

TAL Metals (6010)
 TPH C6-C14 (8015)
 PAH (8270c)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Preservation
 Lab to do

(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials											
		Date	Time													
15969-51	DP-062-50-050-01	7/10/15	1430	SO	T.N.	X	X									
52	DP-062-50-100-01		1435			X	X									
53	DP-063-50-010-01		1445			X	X									
54	DP-063-50-050-01		1447			X	X									
55	DP-063-50-100-01		1450			X	X									
56	DP-064-50-010-01		1452			X	X									
57	DP-064-50-050-01		1455			X	X									
58	DP-064-50-100-01		1458			X	X									
5a	DP-064-50-100-02		1458			X	X									

Relinquished By:		Date/Time		Received By:		Date/Time	
		7/10/15 15:45				7/10/15 15:45	
		7/10/15 3:00				7/10/15 6:10	
		7/11/15 8:10				7/11/15 6:10	
		7/11/15 2016				7-11-15 1010	

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



ANALYTICAL REPORT

Lab Number:	L1516494
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

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

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516494-01	DP-003-SO-010-01	SOIL	Not Specified	07/06/15 08:25	07/06/15
L1516494-02	DP-003-SO-050-01	SOIL	Not Specified	07/06/15 08:30	07/06/15
L1516494-03	DP-004-SO-010-01	SOIL	Not Specified	07/06/15 08:45	07/06/15
L1516494-04	DP-004-SO-050-01	SOIL	Not Specified	07/06/15 09:05	07/06/15
L1516494-05	DP-005-SO-010-01	SOIL	Not Specified	07/06/15 09:15	07/06/15
L1516494-06	DP-005-SO-100-01	SOIL	Not Specified	07/06/15 09:30	07/06/15
L1516494-07	DP-009-SO-010-01	SOIL	Not Specified	07/06/15 10:45	07/06/15
L1516494-08	DP-009-SO-010-02	SOIL	Not Specified	07/06/15 10:45	07/06/15
L1516494-09	DP-009-SO-050-01	SOIL	Not Specified	07/06/15 10:50	07/06/15
L1516494-10	DP-011-SO-010-01	SOIL	Not Specified	07/06/15 11:50	07/06/15
L1516494-11	DP-011-SO-050-01	SOIL	Not Specified	07/06/15 11:55	07/06/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
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: L1516494
Report Date: 07/20/15

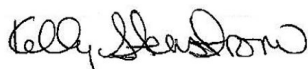
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-01
Client ID: DP-003-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 09:44
Analyst: JT
Percent Solids: 90%

Date Collected: 07/06/15 08:25
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0354	0.00279	1	A
Aroclor 1221	ND		mg/kg	0.0354	0.00326	1	A
Aroclor 1232	ND		mg/kg	0.0354	0.00414	1	A
Aroclor 1242	ND		mg/kg	0.0354	0.00433	1	A
Aroclor 1248	ND		mg/kg	0.0354	0.00298	1	A
Aroclor 1254	0.0371		mg/kg	0.0354	0.00291	1	B
Aroclor 1260	0.141		mg/kg	0.0354	0.00269	1	B
Aroclor 1262	ND		mg/kg	0.0354	0.00175	1	A
Aroclor 1268	ND		mg/kg	0.0354	0.00513	1	A
PCBs, Total	0.178		mg/kg	0.0354	0.00175	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-02
Client ID: DP-003-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 09:57
Analyst: JT
Percent Solids: 78%

Date Collected: 07/06/15 08:30
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0428	0.00338	1	A
Aroclor 1221	ND		mg/kg	0.0428	0.00394	1	A
Aroclor 1232	ND		mg/kg	0.0428	0.00501	1	A
Aroclor 1242	ND		mg/kg	0.0428	0.00523	1	A
Aroclor 1248	ND		mg/kg	0.0428	0.00361	1	A
Aroclor 1254	ND		mg/kg	0.0428	0.00351	1	A
Aroclor 1260	ND		mg/kg	0.0428	0.00326	1	A
Aroclor 1262	ND		mg/kg	0.0428	0.00212	1	A
Aroclor 1268	ND		mg/kg	0.0428	0.00620	1	A
PCBs, Total	ND		mg/kg	0.0428	0.00212	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-03
Client ID: DP-004-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 10:09
Analyst: JT
Percent Solids: 90%

Date Collected: 07/06/15 08:45
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0370	0.00292	1	A
Aroclor 1221	ND		mg/kg	0.0370	0.00341	1	A
Aroclor 1232	ND		mg/kg	0.0370	0.00433	1	A
Aroclor 1242	ND		mg/kg	0.0370	0.00452	1	A
Aroclor 1248	ND		mg/kg	0.0370	0.00312	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	0.00183	1	A
Aroclor 1268	ND		mg/kg	0.0370	0.00536	1	A
PCBs, Total	ND		mg/kg	0.0370	0.00183	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-04
Client ID: DP-004-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 10:21
Analyst: JT
Percent Solids: 82%

Date Collected: 07/06/15 09:05
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0406	0.00321	1	A
Aroclor 1221	ND		mg/kg	0.0406	0.00374	1	A
Aroclor 1232	ND		mg/kg	0.0406	0.00476	1	A
Aroclor 1242	0.0323	J	mg/kg	0.0406	0.00497	1	A
Aroclor 1248	ND		mg/kg	0.0406	0.00343	1	A
Aroclor 1254	0.0230	J	mg/kg	0.0406	0.00334	1	A
Aroclor 1260	0.0132	J	mg/kg	0.0406	0.00310	1	B
Aroclor 1262	ND		mg/kg	0.0406	0.00202	1	A
Aroclor 1268	ND		mg/kg	0.0406	0.00589	1	A
PCBs, Total	0.0685	J	mg/kg	0.0406	0.00202	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-05
Client ID: DP-005-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 10:34
Analyst: JT
Percent Solids: 88%

Date Collected: 07/06/15 09:15
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0374	0.00296	1	A
Aroclor 1221	ND		mg/kg	0.0374	0.00345	1	A
Aroclor 1232	ND		mg/kg	0.0374	0.00438	1	A
Aroclor 1242	ND		mg/kg	0.0374	0.00458	1	A
Aroclor 1248	ND		mg/kg	0.0374	0.00316	1	A
Aroclor 1254	ND		mg/kg	0.0374	0.00308	1	A
Aroclor 1260	0.00722	J	mg/kg	0.0374	0.00285	1	A
Aroclor 1262	ND		mg/kg	0.0374	0.00186	1	A
Aroclor 1268	ND		mg/kg	0.0374	0.00542	1	A
PCBs, Total	0.00722	J	mg/kg	0.0374	0.00186	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-06
Client ID: DP-005-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 10:46
Analyst: JT
Percent Solids: 77%

Date Collected: 07/06/15 09:30
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0429	0.00339	1	A
Aroclor 1221	ND		mg/kg	0.0429	0.00396	1	A
Aroclor 1232	ND		mg/kg	0.0429	0.00503	1	A
Aroclor 1242	0.0657		mg/kg	0.0429	0.00526	1	A
Aroclor 1248	ND		mg/kg	0.0429	0.00362	1	A
Aroclor 1254	0.0480		mg/kg	0.0429	0.00353	1	A
Aroclor 1260	0.0310	J	mg/kg	0.0429	0.00327	1	B
Aroclor 1262	ND		mg/kg	0.0429	0.00213	1	A
Aroclor 1268	ND		mg/kg	0.0429	0.00623	1	A
PCBs, Total	0.145	J	mg/kg	0.0429	0.00213	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-07
Client ID: DP-009-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 10:59
Analyst: JT
Percent Solids: 85%

Date Collected: 07/06/15 10:45
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0389	0.00308	1	A
Aroclor 1221	ND		mg/kg	0.0389	0.00359	1	A
Aroclor 1232	ND		mg/kg	0.0389	0.00456	1	A
Aroclor 1242	ND		mg/kg	0.0389	0.00476	1	A
Aroclor 1248	ND		mg/kg	0.0389	0.00329	1	A
Aroclor 1254	ND		mg/kg	0.0389	0.00320	1	A
Aroclor 1260	ND		mg/kg	0.0389	0.00297	1	A
Aroclor 1262	ND		mg/kg	0.0389	0.00193	1	A
Aroclor 1268	ND		mg/kg	0.0389	0.00564	1	A
PCBs, Total	ND		mg/kg	0.0389	0.00193	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-09
Client ID: DP-009-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 11:11
Analyst: JT
Percent Solids: 77%

Date Collected: 07/06/15 10:50
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0432	0.00341	1	A
Aroclor 1221	ND		mg/kg	0.0432	0.00398	1	A
Aroclor 1232	ND		mg/kg	0.0432	0.00506	1	A
Aroclor 1242	ND		mg/kg	0.0432	0.00528	1	A
Aroclor 1248	ND		mg/kg	0.0432	0.00364	1	A
Aroclor 1254	ND		mg/kg	0.0432	0.00355	1	A
Aroclor 1260	ND		mg/kg	0.0432	0.00329	1	A
Aroclor 1262	ND		mg/kg	0.0432	0.00214	1	A
Aroclor 1268	ND		mg/kg	0.0432	0.00626	1	A
PCBs, Total	ND		mg/kg	0.0432	0.00214	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-10
Client ID: DP-011-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 11:23
Analyst: JT
Percent Solids: 90%

Date Collected: 07/06/15 11:50
Date Received: 07/06/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

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	0.00339	1	A
Aroclor 1232	ND		mg/kg	0.0368	0.00431	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	0.00280	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	76		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-11
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/15 11:36
 Analyst: JT
 Percent Solids: 79%

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/16/15 21:24
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0418	0.00330	1	A
Aroclor 1221	ND		mg/kg	0.0418	0.00385	1	A
Aroclor 1232	ND		mg/kg	0.0418	0.00490	1	A
Aroclor 1242	ND		mg/kg	0.0418	0.00512	1	A
Aroclor 1248	ND		mg/kg	0.0418	0.00353	1	A
Aroclor 1254	ND		mg/kg	0.0418	0.00344	1	A
Aroclor 1260	ND		mg/kg	0.0418	0.00318	1	A
Aroclor 1262	ND		mg/kg	0.0418	0.00207	1	A
Aroclor 1268	ND		mg/kg	0.0418	0.00606	1	A
PCBs, Total	ND		mg/kg	0.0418	0.00207	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/17/15 12:50
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07,09-11 Batch: WG803510-1						
Aroclor 1016	ND		mg/kg	0.0315	0.00249	A
Aroclor 1221	ND		mg/kg	0.0315	0.00290	A
Aroclor 1232	ND		mg/kg	0.0315	0.00369	A
Aroclor 1242	ND		mg/kg	0.0315	0.00386	A
Aroclor 1248	ND		mg/kg	0.0315	0.00266	A
Aroclor 1254	ND		mg/kg	0.0315	0.00259	A
Aroclor 1260	ND		mg/kg	0.0315	0.00240	A
Aroclor 1262	ND		mg/kg	0.0315	0.00156	A
Aroclor 1268	ND		mg/kg	0.0315	0.00457	A
PCBs, Total	ND		mg/kg	0.0315	0.00156	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	43		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
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): 01-07,09-11 Batch: WG803510-2 WG803510-3									
Aroclor 1016	96		97		40-140	1		50	A
Aroclor 1260	94		98		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	A
Decachlorobiphenyl	83		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		86		30-150	B
Decachlorobiphenyl	92		96		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-01
 Client ID: DP-003-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:25
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516494

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-02
 Client ID: DP-003-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:30
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.7		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Lab Number: L1516494

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-03
 Client ID: DP-004-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 08:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-04
Client ID: DP-004-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/06/15 09:05
Date Received: 07/06/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-05
Client ID: DP-005-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/06/15 09:15
Date Received: 07/06/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-06
 Client ID: DP-005-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 09:30
 Date Received: 07/06/15
 Field 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	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-07
 Client ID: DP-009-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:45
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-09
 Client ID: DP-009-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 10:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	07/07/15 19:19	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-10
 Client ID: DP-011-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:50
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516494-11
 Client ID: DP-011-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/06/15 11:55
 Date Received: 07/06/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	07/07/15 19:48	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516494

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,09 QC Batch ID: WG800572-1 QC Sample: L1515325-01 Client ID: DUP Sample						
Solids, Total	90.0	90.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG800577-1 QC Sample: L1515325-21 Client ID: DUP Sample						
Solids, Total	79.4	77.9	%	2		20

Project Name: BUZZARD POINT

Lab Number: L1516494

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

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516494-01A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-02A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-03A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-04A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-05A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-06A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-07A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-09A	Glass 250ml/8oz unpreserved	A	N/A	3.8	Y	Absent	PA-8082(14)
L1516494-10A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-8082(14)
L1516494-11A	Glass 250ml/8oz unpreserved	B	N/A	4.2	Y	Absent	PA-8082(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516494
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: L1516494
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: L1516494
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

Date Rec'd In Lab: 7-7-15

ALPHA Job #: 21516494
1515325 7/16



ALPHA
BORO, MA
508-898-9220
508-898-9193

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

Project Information

Project Name:

Project Location:

Project #: 40223-062

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: 8333 Mission Center Rd
Diablo, CA 92107
Phone: 619-285-7122
Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAL Metals (EPA)
TPH (EPA 8210)
PHH (EPA 8210)
PCBs (EPA 8210)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (to Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments
		Date	Time			TAL Metals (EPA)	TPH (EPA 8210)	PHH (EPA 8210)	PCBs (EPA 8210)	
<u>25-01</u>	<u>DP-003-50-010-01</u>	<u>7/6/15</u>	<u>0825</u>	<u>SO</u>	<u>T.N.</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>699-02</u>	<u>DP-003-50-050-01</u>		<u>0830</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>03</u>	<u>DP-003-50-100-01</u>		<u>0835</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>04</u>	<u>DP-004-50-010-01</u>		<u>0845</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>04</u>	<u>DP-004-50-050-01</u>		<u>0905</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>05</u>	<u>DP-005-50-010-01</u>		<u>0915</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>06</u>	<u>DP-005-50-100-01</u>		<u>0930</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>08</u>	<u>DP-005-50-125-01</u>		<u>0935</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>09</u>	<u>DP-006-50-010-01</u>		<u>0950</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>10</u>	<u>DP-006-50-050-01</u>		<u>0956</u>			<u>X</u>	<u>X</u>	<u>X</u>		

Container Type	
Preservative	

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/6/15 14:50</u>	<u>[Signature]</u>	<u>7/6/15 14:50</u>
	<u>7/6/15 18:30</u>		<u>7/6/15 18:30</u>

CHAIN OF CUSTODY

PAGE **2** OF **4**

Date Rec'd in Lab: **7-7-15**

ALPHA Job #: **L1516499**
L1515325 7/16



TBORO, MA
508-888-9220
508-898-9193

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

Project Information

Project Name:

Project Location:

Project #: **40223-002**

Project Manager:

ALPHA Quote #:

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 + Albrich**

Address: **5333 Mission Center Rd**

San Diego, CA 92108

Phone: **619-285-7122**

Contact: **dkennard@haleyalbrich.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TAC METALS (EPA 8210)

TPH (EPA 8210)

PAH (EPA 8210)

PCBs (EPA 8210)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do Preservation

Lab to do

(Please specify below)

TOTAL BOTTLES

Alpha Lab ID (to Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials					
		Date	Time							
5-11	DP-006-50-100-01	7/6/15	1000	SO	T.N.	X	X	X		
12	DP-007-50-010-01		1002			X	X	X		
13	DP-007-50-050-01		1010			X	X	X		
14	DP-007-50-100-01		1013			X	X	X		
15	DP-008-50-010-01		1020			X	X	X		
16	DP-008-50-050-01		1035			X	X	X		
17	DP-008-50-100-01		1037			X	X	X		
18	DP-009-50-010-01		1045			X	X	X	X	
19	DP-009-50-010-02		1045			X	X	X	X	GH 7/17
20	DP-009-50-050-01		1050			X	X	X	X	<---no volume remains for PCB analysis

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	7/6/15 1450	<i>[Signature]</i>	7/6/15 1450
<i>[Signature]</i>	7/6/15 1830	<i>[Signature]</i>	7/6/15 1830

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

CHAIN OF CUSTODY

PAGE 3 OF 4

Date Rec'd in Lab: 7-7-15

21516494
ALPHA Job #: 21513325

ALPHA
LABORATORIAL
BORO, MA
508-898-9220
508-898-9193

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

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

FAX EMAIL

ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley Aldrich

Address: 5333 Mission Center Rd

Orange CA 92668

Phone: 619-285-7122

Contact: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TR-Metals (EPA 8210)
PFHCG-CY4 (EPA 8210)
PAH (EPA 8210)
VOCs (EPA 8210)
PCBs (EPA 8062)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation _____

Lab to do

(Please specify below)

Sample Specific Comments

Alpha Lab ID (Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments
		Date	Time			TR-Metals	PFHCG-CY4	PAH	VOCs	
<u>21</u>	<u>DP-009-60-100-01</u>	<u>7/6/15</u>	<u>1100</u>	<u>SO</u>	<u>T.N</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>22</u>	<u>DP-010-50-010-01</u>		<u>1115</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>23</u>	<u>DP-010-50-050-01</u>		<u>1120</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>24</u>	<u>DP-010-50-050-02</u>		<u>1120</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>25</u>	<u>DP-010-50-100-01</u>		<u>1125</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>26</u>	<u>DP-011-50-010-01</u>		<u>1150</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>27</u>	<u>DP-011-50-050-01</u>		<u>1155</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>28</u>	<u>DP-011-50-100-01</u>		<u>1200</u>			<u>X</u>	<u>X</u>	<u>X</u>		
<u>29</u>	<u>TB01-070615</u>		<u>0800</u>	<u>W</u>				<u>X</u>		<u>DK 7/14/15</u>
<u>30</u>	<u>EB01-070615</u>		<u>1420</u>	<u>W</u>		<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	

Container Type _____
Preservative _____

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/6/15 1450</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/6/15 1450</u>
	<u>7/6/15 1830</u>		<u>7/6/15 1830</u>

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



ANALYTICAL REPORT

Lab Number:	L1516495
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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516495-01	DP-025-SO-100-01	SOIL	Not Specified	07/07/15 14:05	07/07/15
L1516495-02	DP-026-SO-010-01	SOIL	Not Specified	07/07/15 14:23	07/07/15
L1516495-03	DP-026-SO-050-01	SOIL	Not Specified	07/07/15 14:25	07/07/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
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: L1516495
Report Date: 07/20/15

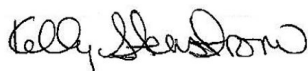
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

VOLATILES

Project Name: BUZZARD POINT

Lab Number: L1516495

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-01
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/17/15 15:06
 Analyst: BN
 Percent Solids: 81%

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 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	0.00024	1
Chloromethane	ND		mg/kg	0.0062	0.00036	1
Vinyl chloride	ND		mg/kg	0.0025	0.00014	1
Bromomethane	ND		mg/kg	0.0025	0.00042	1
Chloroethane	ND		mg/kg	0.0025	0.00039	1
Trichlorofluoromethane	ND		mg/kg	0.0062	0.00048	1
1,1-Dichloroethene	ND		mg/kg	0.0012	0.00032	1
Carbon disulfide	ND		mg/kg	0.012	0.0014	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		mg/kg	0.025	0.00034	1
Methylene chloride	ND		mg/kg	0.0062	0.0014	1
Acetone	0.039	J	mg/kg	0.044	0.0013	1
trans-1,2-Dichloroethene	ND		mg/kg	0.0018	0.00026	1
Methyl Acetate	ND		mg/kg	0.0049	0.00033	1
Methyl tert butyl ether	ND		mg/kg	0.0025	0.00010	1
1,1-Dichloroethane	ND		mg/kg	0.0018	0.00010	1
cis-1,2-Dichloroethene	ND		mg/kg	0.0012	0.00018	1
1,2-Dichloroethene, Total	ND		mg/kg	0.0012	0.00018	1
Cyclohexane	ND		mg/kg	0.025	0.00018	1
Bromochloromethane	ND		mg/kg	0.0062	0.00034	1
Chloroform	ND		mg/kg	0.0018	0.00046	1
Carbon tetrachloride	ND		mg/kg	0.0012	0.00026	1
1,1,1-Trichloroethane	ND		mg/kg	0.0012	0.00014	1
2-Butanone	0.0040	J	mg/kg	0.012	0.00034	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	0.0049	0.00019	1
Trichloroethene	ND		mg/kg	0.0012	0.00015	1
1,2-Dichloropropane	ND		mg/kg	0.0043	0.00028	1
Bromodichloromethane	ND		mg/kg	0.0012	0.00021	1
1,4-Dioxane	ND		mg/kg	0.12	0.018	1

Project Name: BUZZARD POINT

Lab Number: L1516495

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-01
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 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	0.00019	1
1,2-Dibromoethane	ND		mg/kg	0.0049	0.00022	1
2-Hexanone	ND		mg/kg	0.012	0.00082	1
Chlorobenzene	ND		mg/kg	0.0012	0.00043	1
Ethylbenzene	ND		mg/kg	0.0012	0.00016	1
p/m-Xylene	ND		mg/kg	0.0025	0.00024	1
o-Xylene	ND		mg/kg	0.0025	0.00021	1
Xylenes, Total	ND		mg/kg	0.0025	0.00021	1
Styrene	ND		mg/kg	0.0025	0.00050	1
Bromoform	ND		mg/kg	0.0049	0.00029	1
Isopropylbenzene	ND		mg/kg	0.0012	0.00013	1
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.0012	0.00012	1
1,3-Dichlorobenzene	ND		mg/kg	0.0062	0.00017	1
1,4-Dichlorobenzene	ND		mg/kg	0.0062	0.00017	1
1,2-Dichlorobenzene	ND		mg/kg	0.0062	0.00019	1
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.0062	0.00049	1
1,2,4-Trichlorobenzene	ND		mg/kg	0.0062	0.00022	1
1,2,3-Trichlorobenzene	ND		mg/kg	0.0062	0.00018	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/17/15 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803983-3					
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: L1516495
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/17/15 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803983-3					
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: L1516495
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/17/15 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803983-3					
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	120		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

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 Batch: WG803983-1 WG803983-2								
Dichlorodifluoromethane	146		137		30-146	6		30
Chloromethane	87		86		52-130	1		30
Vinyl chloride	84		82		67-130	2		30
Bromomethane	123		123		57-147	0		30
Chloroethane	120		117		50-151	3		30
Trichlorofluoromethane	166	Q	157	Q	70-139	6		30
1,1-Dichloroethene	108		105		65-135	3		30
Carbon disulfide	87		83		59-130	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	115		111		50-139	4		30
Acrolein	77		75		51-130	3		30
Methylene chloride	95		97		70-130	2		30
Acetone	91		89		54-140	2		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Methyl Acetate	88		86		51-146	2		30
Methyl tert butyl ether	99		99		66-130	0		30
1,1-Dichloroethane	103		101		70-130	2		30
Acrylonitrile	76		74		70-130	3		30
cis-1,2-Dichloroethene	98		99		70-130	1		30
2,2-Dichloropropane	129		125		70-130	3		30
Cyclohexane	88		84		59-142	5		30
Bromochloromethane	103		104		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

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 Batch: WG803983-1 WG803983-2								
Chloroform	110		108		70-130	2		30
Carbon tetrachloride	136	Q	131	Q	70-130	4		30
1,1,1-Trichloroethane	124		120		70-130	3		30
2-Butanone	85		82		70-130	4		30
1,1-Dichloropropene	108		103		70-130	5		30
Benzene	101		99		70-130	2		30
1,2-Dichloroethane	117		114		70-130	3		30
Methyl cyclohexane	96		90		70-130	6		30
Trichloroethene	106		104		70-130	2		30
1,2-Dichloropropane	94		93		70-130	1		30
Bromodichloromethane	108		107		70-130	1		30
2-Chloroethylvinyl ether	109		112		70-130	3		30
cis-1,3-Dichloropropene	102		101		70-130	1		30
Toluene	99		96		70-130	3		30
4-Methyl-2-pentanone	76		76		70-130	0		30
Tetrachloroethene	114		113		70-130	1		30
trans-1,3-Dichloropropene	107		107		70-130	0		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Dibromochloromethane	109		108		70-130	1		30
1,3-Dichloropropane	98		96		69-130	2		30
1,2-Dibromoethane	98		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

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 Batch: WG803983-1 WG803983-2								
2-Hexanone	77		78		70-130	1		30
Chlorobenzene	98		98		70-130	0		30
Ethylbenzene	105		103		70-130	2		30
1,1,1,2-Tetrachloroethane	110		108		70-130	2		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	106		105		70-130	1		30
Styrene	101		101		70-130	0		30
Bromoform	98		99		70-130	1		30
Isopropylbenzene	103		101		70-130	2		30
Bromobenzene	98		100		70-130	2		30
1,1,2,2-Tetrachloroethane	85		86		70-130	1		30
o-Chlorotoluene	113		102		70-130	10		30
1,3,5-Trimethylbenzene	106		105		70-130	1		30
1,2,3-Trichloropropane	91		91		68-130	0		30
p-Chlorotoluene	102		102		70-130	0		30
tert-Butylbenzene	105		104		70-130	1		30
1,2,4-Trimethylbenzene	104		105		70-130	1		30
sec-Butylbenzene	106		104		70-130	2		30
p-Isopropyltoluene	109		108		70-130	1		30
1,3-Dichlorobenzene	103		104		70-130	1		30
1,4-Dichlorobenzene	102		101		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

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 Batch: WG803983-1 WG803983-2								
n-Butylbenzene	105		103		70-130	2		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Hexachlorobutadiene	118		117		67-130	1		30
1,2,4-Trichlorobenzene	104		101		70-130	3		30
Naphthalene	88		89		70-130	1		30
1,2,3-Trichlorobenzene	98		101		70-130	3		30
tert-Butyl Alcohol	82		85		40-160	4		30
Tertiary-Amyl Methyl Ether	98		98		70-130	0		30
Isopropyl Ether	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		117		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	102		102		70-130

PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-02
Client ID: DP-026-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 11:48
Analyst: JT
Percent Solids: 90%

Date Collected: 07/07/15 14:23
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

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	0.00581	J	mg/kg	0.0367	0.00280	1	B
Aroclor 1262	ND		mg/kg	0.0367	0.00182	1	A
Aroclor 1268	ND		mg/kg	0.0367	0.00532	1	A
PCBs, Total	0.00581	J	mg/kg	0.0367	0.00182	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-03
Client ID: DP-026-SO-050-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 12:00
Analyst: JT
Percent Solids: 77%

Date Collected: 07/07/15 14:25
Date Received: 07/07/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0427	0.00337	1	A
Aroclor 1221	ND		mg/kg	0.0427	0.00393	1	A
Aroclor 1232	ND		mg/kg	0.0427	0.00500	1	A
Aroclor 1242	ND		mg/kg	0.0427	0.00522	1	A
Aroclor 1248	ND		mg/kg	0.0427	0.00360	1	A
Aroclor 1254	ND		mg/kg	0.0427	0.00351	1	A
Aroclor 1260	ND		mg/kg	0.0427	0.00325	1	A
Aroclor 1262	ND		mg/kg	0.0427	0.00212	1	A
Aroclor 1268	ND		mg/kg	0.0427	0.00619	1	A
PCBs, Total	ND		mg/kg	0.0427	0.00212	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: BUZZARD POINT

Lab Number: L1516495

Project Number: 40223-002

Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/17/15 12:50
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 07/16/15 21:24
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-03 Batch: WG803510-1						
Aroclor 1016	ND		mg/kg	0.0315	0.00249	A
Aroclor 1221	ND		mg/kg	0.0315	0.00290	A
Aroclor 1232	ND		mg/kg	0.0315	0.00369	A
Aroclor 1242	ND		mg/kg	0.0315	0.00386	A
Aroclor 1248	ND		mg/kg	0.0315	0.00266	A
Aroclor 1254	ND		mg/kg	0.0315	0.00259	A
Aroclor 1260	ND		mg/kg	0.0315	0.00240	A
Aroclor 1262	ND		mg/kg	0.0315	0.00156	A
Aroclor 1268	ND		mg/kg	0.0315	0.00457	A
PCBs, Total	ND		mg/kg	0.0315	0.00156	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	43		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Lab Number: L1516495

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): 02-03 Batch: WG803510-2 WG803510-3									
Aroclor 1016	96		97		40-140	1		50	A
Aroclor 1260	94		98		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	A
Decachlorobiphenyl	83		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		86		30-150	B
Decachlorobiphenyl	92		96		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-01
 Client ID: DP-025-SO-100-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/07/15 14:05
 Date Received: 07/07/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-02
Client ID: DP-026-SO-010-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/07/15 14:23
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516495-03
Client ID: DP-026-SO-050-01
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/07/15 14:25
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.4		%	0.100	NA	1	-	07/08/15 21:13	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516495

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG800997-1 QC Sample: L1515477-01 Client ID: DUP Sample						
Solids, Total	88.6	89.1	%	1		20

Project Name: BUZZARD POINT

Lab Number: L1516495

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**

B Absent

C Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516495-01A	Glass 250ml/8oz unpreserved	C	N/A	3.9	Y	Absent	PA-8260(14)
L1516495-02A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-8082(14)
L1516495-03A	Glass 250ml/8oz unpreserved	B	N/A	3.8	Y	Absent	PA-8082(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
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: L1516495
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.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516495
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 4 OF 4

Date Rec'd In Lab: 7/8/15

ALPHA Job #: 21576495
61575522 7/15/15



BORO, MA
508-898-9220
508-898-9193

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

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

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: 6333 Mission Center Rd
Diego, CA 92108
Phone: 619-285-7122

Contact: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Enter Project Specific Requirements/Comments/Detection Limits:

ANALYSIS

TRM Metals (EPA 8210)
SPH (EPA 8210)
PAH (EPA 8210)
PUBS (EPA 8210)
VOCs (8260)

SAMPLE HANDLING

Filtration _____

Done
 Not needed
 Lab to do
 Preservation
 Lab to do

(Please specify below)

Sample Specific Comments

Alpha Lab ID (Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis			Sample Specific Comments
		Date	Time			TRM Metals	SPH	PAH	
26-31	DP-025-50-010-01	7/7/15	1355	QSO	T.N	X	X	X	
32	DP-025-50-050-01		1400			X	X	X	
01-33	DP-025-50-160-01		1405			X	X	X	X
34	DP-024-50-010-01		1412			X	X	X	
35	DP-024-50-050-01		1415			X	X	X	
02-36	DP-026-50-010-01		1423			X	X	X	X
03-37	DP-026-50-050-01		1425			X	X	X	X
38	DP-026-50-100-01		1430			X	X	X	
						X	X	X	TV DW 7/14/15

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/7/15 1430</u>	<u>[Signature]</u>	<u>7/7/15 1430</u>
	<u>7/2/15</u>		<u>7/7/15 17:30</u>

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



ANALYTICAL REPORT

Lab Number:	L1516496
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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516496-01	DP-028-SO-010-01	SOIL	Not Specified	07/08/15 09:50	07/08/15
L1516496-02	DP-028-SO-095-01	SOIL	Not Specified	07/08/15 09:55	07/08/15
L1516496-03	DP-029-SO-010-01	SOIL	Not Specified	07/08/15 12:00	07/08/15
L1516496-04	DP-029-SO-090-01	SOIL	Not Specified	07/08/15 12:05	07/08/15
L1516496-05	DP-032-SO-010-01	SOIL	Not Specified	07/08/15 13:10	07/08/15
L1516496-06	DP-032-SO-105-01	SOIL	Not Specified	07/08/15 13:35	07/08/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
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: L1516496
Report Date: 07/20/15

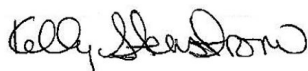
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-01
 Client ID: DP-028-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/17/15 12:13
 Analyst: JT
 Percent Solids: 88%

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/16/15 21:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0377	0.00298	1	A
Aroclor 1221	ND		mg/kg	0.0377	0.00348	1	A
Aroclor 1232	ND		mg/kg	0.0377	0.00442	1	A
Aroclor 1242	ND		mg/kg	0.0377	0.00462	1	A
Aroclor 1248	ND		mg/kg	0.0377	0.00319	1	A
Aroclor 1254	ND		mg/kg	0.0377	0.00310	1	A
Aroclor 1260	ND		mg/kg	0.0377	0.00288	1	A
Aroclor 1262	ND		mg/kg	0.0377	0.00187	1	A
Aroclor 1268	ND		mg/kg	0.0377	0.00547	1	A
PCBs, Total	ND		mg/kg	0.0377	0.00187	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-02
Client ID: DP-028-SO-095-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 12:25
Analyst: JT
Percent Solids: 72%

Date Collected: 07/08/15 09:55
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0458	0.00362	1	A
Aroclor 1221	ND		mg/kg	0.0458	0.00422	1	A
Aroclor 1232	ND		mg/kg	0.0458	0.00537	1	A
Aroclor 1242	0.132		mg/kg	0.0458	0.00560	1	A
Aroclor 1248	ND		mg/kg	0.0458	0.00386	1	A
Aroclor 1254	0.158		mg/kg	0.0458	0.00376	1	A
Aroclor 1260	0.139		mg/kg	0.0458	0.00349	1	A
Aroclor 1262	ND		mg/kg	0.0458	0.00227	1	A
Aroclor 1268	ND		mg/kg	0.0458	0.00664	1	A
PCBs, Total	0.429		mg/kg	0.0458	0.00227	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-03
Client ID: DP-029-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 12:37
Analyst: JT
Percent Solids: 87%

Date Collected: 07/08/15 12:00
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0381	0.00301	1	A
Aroclor 1221	ND		mg/kg	0.0381	0.00351	1	A
Aroclor 1232	ND		mg/kg	0.0381	0.00446	1	A
Aroclor 1242	ND		mg/kg	0.0381	0.00466	1	A
Aroclor 1248	ND		mg/kg	0.0381	0.00321	1	A
Aroclor 1254	ND		mg/kg	0.0381	0.00313	1	A
Aroclor 1260	0.0182	J	mg/kg	0.0381	0.00290	1	A
Aroclor 1262	ND		mg/kg	0.0381	0.00189	1	A
Aroclor 1268	ND		mg/kg	0.0381	0.00552	1	A
PCBs, Total	0.0182	J	mg/kg	0.0381	0.00189	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-04
Client ID: DP-029-SO-090-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 15:01
Analyst: JT
Percent Solids: 80%

Date Collected: 07/08/15 12:05
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0417	0.00329	1	A
Aroclor 1221	ND		mg/kg	0.0417	0.00384	1	A
Aroclor 1232	ND		mg/kg	0.0417	0.00488	1	A
Aroclor 1242	0.0647		mg/kg	0.0417	0.00510	1	A
Aroclor 1248	ND		mg/kg	0.0417	0.00352	1	A
Aroclor 1254	0.0959		mg/kg	0.0417	0.00342	1	A
Aroclor 1260	0.113		mg/kg	0.0417	0.00318	1	B
Aroclor 1262	ND		mg/kg	0.0417	0.00207	1	A
Aroclor 1268	ND		mg/kg	0.0417	0.00604	1	A
PCBs, Total	0.274		mg/kg	0.0417	0.00207	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-05
Client ID: DP-032-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 15:14
Analyst: JT
Percent Solids: 89%

Date Collected: 07/08/15 13:10
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0371	0.00293	1	A
Aroclor 1221	ND		mg/kg	0.0371	0.00342	1	A
Aroclor 1232	ND		mg/kg	0.0371	0.00435	1	A
Aroclor 1242	ND		mg/kg	0.0371	0.00454	1	A
Aroclor 1248	ND		mg/kg	0.0371	0.00313	1	A
Aroclor 1254	0.0157	J	mg/kg	0.0371	0.00305	1	A
Aroclor 1260	0.0232	J	mg/kg	0.0371	0.00283	1	A
Aroclor 1262	ND		mg/kg	0.0371	0.00184	1	A
Aroclor 1268	ND		mg/kg	0.0371	0.00538	1	A
PCBs, Total	0.0389	J	mg/kg	0.0371	0.00184	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-06
Client ID: DP-032-SO-105-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/17/15 15:26
Analyst: JT
Percent Solids: 79%

Date Collected: 07/08/15 13:35
Date Received: 07/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0419	0.00331	1	A
Aroclor 1221	ND		mg/kg	0.0419	0.00386	1	A
Aroclor 1232	ND		mg/kg	0.0419	0.00491	1	A
Aroclor 1242	ND		mg/kg	0.0419	0.00513	1	A
Aroclor 1248	ND		mg/kg	0.0419	0.00353	1	A
Aroclor 1254	ND		mg/kg	0.0419	0.00344	1	A
Aroclor 1260	ND		mg/kg	0.0419	0.00319	1	A
Aroclor 1262	ND		mg/kg	0.0419	0.00208	1	A
Aroclor 1268	ND		mg/kg	0.0419	0.00607	1	A
PCBs, Total	ND		mg/kg	0.0419	0.00208	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/17/15 12:50
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 07/16/15 21:24
Cleanup Method: EPA 3665A
Cleanup Date: 07/17/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/17/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG803510-1						
Aroclor 1016	ND		mg/kg	0.0315	0.00249	A
Aroclor 1221	ND		mg/kg	0.0315	0.00290	A
Aroclor 1232	ND		mg/kg	0.0315	0.00369	A
Aroclor 1242	ND		mg/kg	0.0315	0.00386	A
Aroclor 1248	ND		mg/kg	0.0315	0.00266	A
Aroclor 1254	ND		mg/kg	0.0315	0.00259	A
Aroclor 1260	ND		mg/kg	0.0315	0.00240	A
Aroclor 1262	ND		mg/kg	0.0315	0.00156	A
Aroclor 1268	ND		mg/kg	0.0315	0.00457	A
PCBs, Total	ND		mg/kg	0.0315	0.00156	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	43		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

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): 01-06 Batch: WG803510-2 WG803510-3									
Aroclor 1016	96		97		40-140	1		50	A
Aroclor 1260	94		98		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	A
Decachlorobiphenyl	83		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		86		30-150	B
Decachlorobiphenyl	92		96		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-01
 Client ID: DP-028-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 09:50
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-02
 Client ID: DP-028-SO-095-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 09:55
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-03
 Client ID: DP-029-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:00
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-04
 Client ID: DP-029-SO-090-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 12:05
 Date Received: 07/08/15
 Field 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	-	07/09/15 19:43	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-05
 Client ID: DP-032-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 13:10
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516496-06
 Client ID: DP-032-SO-105-01
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/08/15 13:35
 Date Received: 07/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	07/09/15 19:59	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG801350-1 QC Sample: L1515600-03 Client ID: DUP Sample						
Solids, Total	79.3	77.7	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG801352-1 QC Sample: L1515600-23 Client ID: DUP Sample						
Solids, Total	63.3	65.8	%	4		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516496

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

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516496-01A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)
L1516496-02A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)
L1516496-03A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)
L1516496-04A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)
L1516496-05A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)
L1516496-06A	Vial Large Septa unpreserved (4o	A	N/A	4.7	Y	Absent	PA-8082(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
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: L1516496
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.

Report Format: DU Report with 'J' Qualifiers



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516496
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 3

Date Rec'd In Lab: 7/8/15

ALPHA Job #: L1515600

L1516496

ALPHA
LABORATORY
BORO, MA
508-898-9220
508-898-9193

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

Project Information		Report Information - Data Deliverables		Billing Information	
Project Name:		<input type="checkbox"/> FAX	<input type="checkbox"/> EMAIL	<input type="checkbox"/> Same as Client info	PO #:
Project Location:		<input type="checkbox"/> ADEX	<input type="checkbox"/> Add'l Deliverables		
Project #:	<u>40223-002</u>	Regulatory Requirements/Report Limits			
Project Manager:		State /Fed Program	Criteria		
ALPHA Quote #:					
Turn-Around Time					

Client Information
Client: Haley + Aldrich
Address: 5833 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122

Contact: dkennard@haleyaldrich.com
These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
1 4oz jar for VOC

ANALYSIS

Trace Metals (EPA 891)

PH (EPA 8270C)

PCBs (EPA 8062)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Preservation

Lab to do

(Please specify below)

TOTAL # BOTTLES

Alpha Lab ID (Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			Trace Metals	PH	PCBs	Other		
<u>01</u>	<u>DP-027-50-115-01</u>	<u>7/8/15</u>	<u>0930</u>	<u>SO</u>	<u>T.N.</u>	<u>X</u>	<u>X</u>	<u>X</u>			<u>3</u>
<u>01</u>	<u>DP-028-50-010-01</u>		<u>0960</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>02</u>	<u>DP-028-50-010-02</u>		<u>0950</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>1</u>
<u>02</u>	<u>DP-028-50-095-01</u>		<u>0955</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>3</u>
<u>03</u>	<u>DP-028-50-110-01</u>		<u>1005</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>3</u>
<u>03</u>	<u>DP-030-50-010-01</u>		<u>1033</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>3</u>
<u>03</u>	<u>DP-030-50-100-01</u>		<u>1040</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>3</u>
<u>03</u>	<u>DP-030-50-125-01</u>		<u>1045</u>			<u>X</u>	<u>X</u>	<u>X</u>			<u>3</u>
<u>04</u>	<u>DP-029-50-010-01</u>		<u>1200</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>04</u>	<u>DP-029-50-090-01</u>		<u>1205</u>			<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		

Container Type			
Preservative			
Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/8/15 1445</u>	<u>[Signature]</u>	<u>7/15 1915</u>
	<u>7/8/15</u>		<u>7/13/15 18:00</u>

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

CHAIN OF CUSTODY

PAGE 3 OF 3

Date Rec'd in Lab: 7/18/15

ALPHA Job #: L1515600



WILBORO, MA
508-898-9220
508-898-9193

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

Project Information

Project Name:

Project Location:

Project #: 40223-002

Project Manager:

ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due:

Time:

Report Information - Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA 92108
Phone: 619-285-7122

Contact: kennard@haleypaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

1 4oz jar for VOC,

ANALYSIS

THM (EPA 816)

THM2 (EPA 816)

THM4 (EPA 816)

PCBs (EPA 8062)

SAMPLE HANDLING

Filtration _____

Done

Not needed

Lab to do

Lab to do

(Please specify below)

TOTAL BOTTLES

ALPHA Lab ID (For Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis			Sample Specific Comments	TOTAL BOTTLES
		Date	Time			THM (EPA 816)	THM2 (EPA 816)	THM4 (EPA 816)		
40223-01	DP-029-50-105-01	7/18/15	1215	SO	T.N	X	X	X		3
22	DP-031-50-010-01		1230			X	X	X		3
23	DP-031-50-100-01		1235			X	X	X		3
24	DP-031-50-110-01		1245			X	X	X		3
25	DP-031-50-110-02		1245			X	X	X		1
26	DP-032-50-010-01		1310			X	X	X	X	3
27	DP-032-50-105-01		1335			X	X	X	X	3
28	DP-032-50-110-01	✓	1340	✓	✓	X	X	X		

Container Type	
Preservative	

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

Relinquished By:	Date/Time	Received By:	Date/Time
<u>[Signature]</u>	<u>7/18/15 1445</u>	<u>[Signature]</u>	<u>7/18/15 11:15</u>



ANALYTICAL REPORT

Lab Number:	L1516622
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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516622-01	DP-039-SO-010-01	SOIL	Not Specified	07/09/15 13:10	07/09/15
L1516622-02	DP-039-SO-050-01	SOIL	Not Specified	07/09/15 13:15	07/09/15
L1516622-03	DP-039-SO-100-01	SOIL	Not Specified	07/09/15 13:18	07/09/15
L1516622-04	DP-046-SO-010-01	SOIL	Not Specified	07/09/15 13:30	07/09/15
L1516622-05	DP-046-SO-100-01	SOIL	Not Specified	07/09/15 13:37	07/09/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
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: L1516622
Report Date: 07/20/15

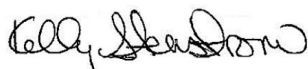
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-01
Client ID: DP-039-SO-010-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 18:17
Analyst: JT
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: 07/17/15 17:32
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

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	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-02
 Client ID: DP-039-SO-050-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/18/15 18:33
 Analyst: JT
 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: 07/17/15 17:32
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/18/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0396	0.00313	1	A
Aroclor 1221	ND		mg/kg	0.0396	0.00366	1	A
Aroclor 1232	ND		mg/kg	0.0396	0.00465	1	A
Aroclor 1242	ND		mg/kg	0.0396	0.00485	1	A
Aroclor 1248	ND		mg/kg	0.0396	0.00335	1	A
Aroclor 1254	ND		mg/kg	0.0396	0.00326	1	A
Aroclor 1260	ND		mg/kg	0.0396	0.00302	1	A
Aroclor 1262	ND		mg/kg	0.0396	0.00197	1	A
Aroclor 1268	ND		mg/kg	0.0396	0.00575	1	A
PCBs, Total	ND		mg/kg	0.0396	0.00197	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-03
Client ID: DP-039-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 18:49
Analyst: JT
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: 07/17/15 17:32
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0399	0.00315	1	A
Aroclor 1221	ND		mg/kg	0.0399	0.00368	1	A
Aroclor 1232	ND		mg/kg	0.0399	0.00468	1	A
Aroclor 1242	ND		mg/kg	0.0399	0.00488	1	A
Aroclor 1248	ND		mg/kg	0.0399	0.00337	1	A
Aroclor 1254	ND		mg/kg	0.0399	0.00328	1	A
Aroclor 1260	ND		mg/kg	0.0399	0.00304	1	A
Aroclor 1262	ND		mg/kg	0.0399	0.00198	1	A
Aroclor 1268	ND		mg/kg	0.0399	0.00578	1	A
PCBs, Total	ND		mg/kg	0.0399	0.00198	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-04
 Client ID: DP-046-SO-010-01
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/18/15 19:05
 Analyst: JT
 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: 07/17/15 17:32
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/18/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0394	0.00311	1	A
Aroclor 1221	ND		mg/kg	0.0394	0.00363	1	A
Aroclor 1232	ND		mg/kg	0.0394	0.00462	1	A
Aroclor 1242	ND		mg/kg	0.0394	0.00482	1	A
Aroclor 1248	ND		mg/kg	0.0394	0.00332	1	A
Aroclor 1254	ND		mg/kg	0.0394	0.00324	1	A
Aroclor 1260	ND		mg/kg	0.0394	0.00300	1	A
Aroclor 1262	ND		mg/kg	0.0394	0.00195	1	A
Aroclor 1268	ND		mg/kg	0.0394	0.00571	1	A
PCBs, Total	ND		mg/kg	0.0394	0.00195	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-05
Client ID: DP-046-SO-100-01
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 19:20
Analyst: JT
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: 07/17/15 17:32
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0400	0.00316	1	A
Aroclor 1221	ND		mg/kg	0.0400	0.00369	1	A
Aroclor 1232	ND		mg/kg	0.0400	0.00469	1	A
Aroclor 1242	ND		mg/kg	0.0400	0.00490	1	A
Aroclor 1248	ND		mg/kg	0.0400	0.00338	1	A
Aroclor 1254	ND		mg/kg	0.0400	0.00329	1	A
Aroclor 1260	ND		mg/kg	0.0400	0.00305	1	A
Aroclor 1262	ND		mg/kg	0.0400	0.00199	1	A
Aroclor 1268	ND		mg/kg	0.0400	0.00581	1	A
PCBs, Total	ND		mg/kg	0.0400	0.00199	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: BUZZARD POINT

Lab Number: L1516622

Project Number: 40223-002

Report Date: 07/20/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 07/18/15 17:14
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 07/17/15 17:32
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG803851-1						
Aroclor 1016	ND		mg/kg	0.0316	0.00250	A
Aroclor 1221	ND		mg/kg	0.0316	0.00292	A
Aroclor 1232	ND		mg/kg	0.0316	0.00371	A
Aroclor 1242	ND		mg/kg	0.0316	0.00387	A
Aroclor 1248	ND		mg/kg	0.0316	0.00267	A
Aroclor 1254	ND		mg/kg	0.0316	0.00260	A
Aroclor 1260	ND		mg/kg	0.0316	0.00241	A
Aroclor 1262	ND		mg/kg	0.0316	0.00157	A
Aroclor 1268	ND		mg/kg	0.0316	0.00459	A
PCBs, Total	ND		mg/kg	0.0316	0.00157	A

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516622

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): 01-05 Batch: WG803851-2 WG803851-3									
Aroclor 1016	96		104		40-140	8		50	A
Aroclor 1260	86		86		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		86		30-150	A
Decachlorobiphenyl	64		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		91		30-150	B
Decachlorobiphenyl	91		95		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516622

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-01
 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: L1516622

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-02
 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: L1516622

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-03
 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: L1516622

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-04
 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: L1516622

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516622-05
 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



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516622

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 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): 04-05 QC Batch ID: WG801630-1 QC Sample: L1515708-01 Client ID: DUP Sample						
Solids, Total	84.2	83.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG804280-1 QC Sample: L1515003-55 Client ID: DUP Sample						
Solids, Total	99.0	99.1	%	0		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516622

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(*)
L1516622-01A	Glass 250ml/8oz unpreserved	A	N/A	4.3	Y	Absent	PA-8082(14)
L1516622-02A	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14)
L1516622-03A	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14)
L1516622-04A	Glass 250ml/8oz unpreserved	B	N/A	4.0	Y	Absent	PA-8082(14)
L1516622-05A	Glass 250ml/8oz unpreserved	C	N/A	3.7	Y	Absent	PA-8082(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516622
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: L1516622
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: L1516622
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 3 OF _____

Date Rec'd in Lab: 7/9/15

ALPHA Job #: 4515823 ^{7/17}



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

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

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego CA 92108
Phone: 619-285-7122
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Email: kennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 14oz jar for VOC

ANALYSIS	SAMPLE HANDLING					TOTAL # BOTTLES
	FAL (6010)	TPH (6010)	PAH (8270C)	VOC (8260B)	PCB (8082)	
	<input type="checkbox"/> Done	<input type="checkbox"/> Not needed	<input type="checkbox"/> Lab to do	<input type="checkbox"/> Lab to do	<input type="checkbox"/> Lab to do	
	Filtration _____					
	(Please specify below)					

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS					Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			FAL (6010)	TPH (6010)	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
622-01 ²³	DP-039-50-010-01		1310			X	X	X		X		2
²⁴	DP-039-50-050-01		1315			X	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		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: 7/9/15 15:05

Received By: _____

Date/Time: 7/9/15 15:05

L1516622 GH 7/20/15



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

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

CHAIN OF CUSTODY

PAGE 4 OF

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 (6016)
TPH (66-44) (8016)
PAH (8270C)

SAMPLE HANDLING

Filtration _____
 Done
 Not needed
 Lab to do Preservation
 Lab to do

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			PCB X
		Date	Time			TAL Metals (6016)	TPH (66-44) (8016)	PAH (8270C)	
6622-04	DP-046-50-010-01	7/9/15	1330	SO	T.N.	X	X	X	PCB X
6622-05	DP-046-50-100-01		1337			X	X	X	PCB 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	

Container Type _____
Preservative _____

Rollingquished By: [Signature] Date/Time: 7/9/15 1745
[Signature] 7/9/15 2130
[Signature] 7/10/15 0120

Received By: [Signature] Date/Time: 7/9/15 1750
[Signature] 7/9/15 1745
[Signature] 7/9/15 2130
[Signature] 7/10/15 0120

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.



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

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

CHAIN OF CUSTODY

PAGE 4 OF

Date Rec'd in Lab:

ALPHA Job #: **L1516622**

Client Information

Client: **Hale 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 #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: Time:

Email: **kernard@halealdrich.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

hold 1-402 jan for VOC

ANALYSIS
 METALS (6046)
 PFC (6048) (8016)
 PAH (8270C)
 PCB

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		
		Date	Time			1	2	3
		7/9/15	1330	SO	T.N.	X	X	X
16622-04	DP-046-50-010-01		1337			X	X	X
05	DP-046-50-100-01		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: _____ Date/Time: _____

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.



ANALYTICAL REPORT

Lab Number:	L1516626
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

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

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

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



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516626-01	DP-045-SO-010-02	SOIL	Not Specified	07/17/15 08:33	07/17/15
L1516626-02	DP-045-SO-050-02	SOIL	Not Specified	07/17/15 08:36	07/17/15
L1516626-03	DP-045-SO-100-02	SOIL	Not Specified	07/17/15 08:40	07/17/15
L1516626-04	DP-044-SO-010-02	SOIL	Not Specified	07/17/15 08:55	07/17/15
L1516626-05	DP-044-SO-050-02	SOIL	Not Specified	07/17/15 09:00	07/17/15
L1516626-06	DP-044-SO-100-02	SOIL	Not Specified	07/17/15 09:05	07/17/15
L1516626-07	DP-042-SO-010-02	SOIL	Not Specified	07/17/15 09:25	07/17/15
L1516626-08	DP-042-SO-050-02	SOIL	Not Specified	07/17/15 09:30	07/17/15
L1516626-09	DP-042-SO-100-02	SOIL	Not Specified	07/17/15 09:35	07/17/15
L1516626-10	DP-043-SO-010-02	SOIL	Not Specified	07/17/15 09:47	07/17/15
L1516626-11	DP-043-SO-050-02	SOIL	Not Specified	07/17/15 09:50	07/17/15
L1516626-12	DP-043-SO-100-02	SOIL	Not Specified	07/17/15 09:55	07/17/15

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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: L1516626
Report Date: 07/20/15

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

L1516626-01, -04, -07, and -10 have elevated detection limits due to the dilutions required by the sample matrices.

Metals

L1516626-01 through -12 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The Method Blank, associated with L1516626-01 through -12, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

The WG804028-4 MS recovery, performed on L1516626-01, is outside the acceptance criteria for mercury (127%). A post digestion spike was performed and was within acceptance criteria.

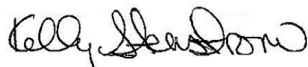
The WG804158-4 MS recoveries, performed on L1516626-01, are outside the acceptance criteria for antimony (61%), arsenic (22%), lead (0%), and zinc (52%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (58%) and arsenic (21%); lead and zinc were within acceptance criteria. This has been attributed to sample matrix.

The WG804158-4 MS recoveries for calcium (6280%), iron (0%), and manganese (0%) performed on L1516626-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG804158-3 Laboratory Duplicate RPDs, performed on L1516626-01, are outside the acceptance criteria for arsenic (147%), calcium (81%), lead (37%), magnesium (22%), and nickel (22%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/20/15

ORGANICS

SEMIVOLATILES

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-01 D
 Client ID: DP-045-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 16:56
 Analyst: KR
 Percent Solids: 89%

Date Collected: 07/17/15 08:33
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.75	0.25	4
2-Methylnaphthalene	ND		mg/kg	0.90	0.24	4
2-Chloronaphthalene	ND		mg/kg	0.75	0.24	4
Acenaphthylene	0.20	J	mg/kg	0.60	0.14	4
Acenaphthene	0.37	J	mg/kg	0.60	0.15	4
Fluorene	0.30	J	mg/kg	0.75	0.21	4
Phenanthrene	3.3		mg/kg	0.45	0.15	4
Anthracene	1.0		mg/kg	0.45	0.12	4
Fluoranthene	5.3		mg/kg	0.45	0.14	4
Pyrene	4.5		mg/kg	0.45	0.14	4
Benzo(a)anthracene	3.0		mg/kg	0.45	0.15	4
Chrysene	2.8		mg/kg	0.45	0.15	4
Benzo(b)fluoranthene	2.4		mg/kg	0.45	0.15	4
Benzo(k)fluoranthene	2.7		mg/kg	0.45	0.14	4
Benzo(a)pyrene	3.0		mg/kg	0.60	0.18	4
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.60	0.16	4
Dibenzo(a,h)anthracene	0.62		mg/kg	0.45	0.14	4
Benzo(ghi)perylene	1.8		mg/kg	0.60	0.16	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-02 D
 Client ID: DP-045-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 17:22
 Analyst: KR
 Percent Solids: 76%

Date Collected: 07/17/15 08:36
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.43	0.14	2
2-Methylnaphthalene	ND		mg/kg	0.52	0.14	2
2-Chloronaphthalene	ND		mg/kg	0.43	0.14	2
Acenaphthylene	0.87		mg/kg	0.34	0.080	2
Acenaphthene	0.30	J	mg/kg	0.34	0.089	2
Fluorene	0.23	J	mg/kg	0.43	0.12	2
Phenanthrene	11.		mg/kg	0.26	0.084	2
Anthracene	2.8		mg/kg	0.26	0.072	2
Fluoranthene	10.		mg/kg	0.26	0.079	2
Pyrene	8.4		mg/kg	0.26	0.084	2
Benzo(a)anthracene	5.5		mg/kg	0.26	0.084	2
Chrysene	5.0		mg/kg	0.26	0.084	2
Benzo(b)fluoranthene	3.6		mg/kg	0.26	0.087	2
Benzo(k)fluoranthene	4.0		mg/kg	0.26	0.082	2
Benzo(a)pyrene	4.2		mg/kg	0.34	0.10	2
Indeno(1,2,3-cd)pyrene	2.2		mg/kg	0.34	0.095	2
Dibenzo(a,h)anthracene	0.84		mg/kg	0.26	0.083	2
Benzo(ghi)perylene	2.2		mg/kg	0.34	0.089	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	47		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-03
 Client ID: DP-045-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 13:54
 Analyst: KR
 Percent Solids: 79%

Date Collected: 07/17/15 08:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

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	0.046	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	0.28		mg/kg	0.12	0.041	1
Anthracene	0.076	J	mg/kg	0.12	0.035	1
Fluoranthene	0.65		mg/kg	0.12	0.038	1
Pyrene	0.53		mg/kg	0.12	0.041	1
Benzo(a)anthracene	0.37		mg/kg	0.12	0.041	1
Chrysene	0.34		mg/kg	0.12	0.041	1
Benzo(b)fluoranthene	0.30		mg/kg	0.12	0.042	1
Benzo(k)fluoranthene	0.34		mg/kg	0.12	0.040	1
Benzo(a)pyrene	0.36		mg/kg	0.17	0.051	1
Indeno(1,2,3-cd)pyrene	0.21		mg/kg	0.17	0.046	1
Dibenzo(a,h)anthracene	0.071	J	mg/kg	0.12	0.040	1
Benzo(ghi)perylene	0.22		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	68		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-04 D
 Client ID: DP-044-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 17:48
 Analyst: KR
 Percent Solids: 88%

Date Collected: 07/17/15 08:55
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13	J	mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	0.32		mg/kg	0.30	0.070	2
Acenaphthene	0.46		mg/kg	0.30	0.077	2
Fluorene	0.32	J	mg/kg	0.37	0.11	2
Phenanthrene	3.2		mg/kg	0.22	0.073	2
Anthracene	1.1		mg/kg	0.22	0.062	2
Fluoranthene	5.1		mg/kg	0.22	0.069	2
Pyrene	4.3		mg/kg	0.22	0.073	2
Benzo(a)anthracene	3.1		mg/kg	0.22	0.073	2
Chrysene	2.9		mg/kg	0.22	0.074	2
Benzo(b)fluoranthene	2.5		mg/kg	0.22	0.076	2
Benzo(k)fluoranthene	2.4		mg/kg	0.22	0.071	2
Benzo(a)pyrene	2.8		mg/kg	0.30	0.092	2
Indeno(1,2,3-cd)pyrene	1.5		mg/kg	0.30	0.083	2
Dibenzo(a,h)anthracene	0.64		mg/kg	0.22	0.072	2
Benzo(ghi)perylene	1.5		mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	59		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-05
Client ID: DP-044-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/19/15 14:20
Analyst: KR
Percent Solids: 72%

Date Collected: 07/17/15 09:00
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 14:06

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	0.28	0.074	1
2-Chloronaphthalene	ND		mg/kg	0.23	0.075	1
Acenaphthylene	ND		mg/kg	0.18	0.043	1
Acenaphthene	ND		mg/kg	0.18	0.048	1
Fluorene	ND		mg/kg	0.23	0.066	1
Phenanthrene	0.079	J	mg/kg	0.14	0.045	1
Anthracene	ND		mg/kg	0.14	0.038	1
Fluoranthene	0.10	J	mg/kg	0.14	0.042	1
Pyrene	0.090	J	mg/kg	0.14	0.045	1
Benzo(a)anthracene	0.055	J	mg/kg	0.14	0.045	1
Chrysene	0.055	J	mg/kg	0.14	0.045	1
Benzo(b)fluoranthene	ND		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	0.045	1
Benzo(ghi)perylene	ND		mg/kg	0.18	0.048	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	71		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-06
 Client ID: DP-044-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 14:46
 Analyst: KR
 Percent Solids: 77%

Date Collected: 07/17/15 09:05
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

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	0.069	1
2-Chloronaphthalene	ND		mg/kg	0.22	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	0.22	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	0.042	1
Chrysene	ND		mg/kg	0.13	0.042	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.044	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.041	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	89		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	66		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-07 D
 Client ID: DP-042-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 18:14
 Analyst: KR
 Percent Solids: 87%

Date Collected: 07/17/15 09:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	0.13	J	mg/kg	0.37	0.12	2
2-Methylnaphthalene	ND		mg/kg	0.45	0.12	2
2-Chloronaphthalene	ND		mg/kg	0.37	0.12	2
Acenaphthylene	0.85		mg/kg	0.30	0.070	2
Acenaphthene	0.20	J	mg/kg	0.30	0.077	2
Fluorene	0.15	J	mg/kg	0.37	0.11	2
Phenanthrene	1.8		mg/kg	0.22	0.073	2
Anthracene	0.94		mg/kg	0.22	0.062	2
Fluoranthene	4.0		mg/kg	0.22	0.069	2
Pyrene	3.7		mg/kg	0.22	0.073	2
Benzo(a)anthracene	2.6		mg/kg	0.22	0.073	2
Chrysene	2.6		mg/kg	0.22	0.074	2
Benzo(b)fluoranthene	2.5		mg/kg	0.22	0.076	2
Benzo(k)fluoranthene	2.5		mg/kg	0.22	0.071	2
Benzo(a)pyrene	2.8		mg/kg	0.30	0.092	2
Indeno(1,2,3-cd)pyrene	1.7		mg/kg	0.30	0.083	2
Dibenzo(a,h)anthracene	0.68		mg/kg	0.22	0.072	2
Benzo(ghi)perylene	1.8		mg/kg	0.30	0.078	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	62		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
 Client ID: DP-042-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 15:12
 Analyst: KR
 Percent Solids: 74%

Date Collected: 07/17/15 09:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.074	1
2-Methylnaphthalene	ND		mg/kg	0.27	0.071	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.073	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	0.064	1
Phenanthrene	0.41		mg/kg	0.13	0.044	1
Anthracene	0.092	J	mg/kg	0.13	0.037	1
Fluoranthene	0.47		mg/kg	0.13	0.041	1
Pyrene	0.37		mg/kg	0.13	0.043	1
Benzo(a)anthracene	0.21		mg/kg	0.13	0.044	1
Chrysene	0.20		mg/kg	0.13	0.044	1
Benzo(b)fluoranthene	0.16		mg/kg	0.13	0.045	1
Benzo(k)fluoranthene	0.17		mg/kg	0.13	0.043	1
Benzo(a)pyrene	0.19		mg/kg	0.18	0.055	1
Indeno(1,2,3-cd)pyrene	0.10	J	mg/kg	0.18	0.050	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.043	1
Benzo(ghi)perylene	0.11	J	mg/kg	0.18	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	71		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
 Client ID: DP-042-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 15:38
 Analyst: KR
 Percent Solids: 78%

Date Collected: 07/17/15 09:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		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	ND		mg/kg	0.17	0.039	1
Acenaphthene	ND		mg/kg	0.17	0.043	1
Fluorene	ND		mg/kg	0.21	0.060	1
Phenanthrene	ND		mg/kg	0.13	0.041	1
Anthracene	ND		mg/kg	0.13	0.035	1
Fluoranthene	ND		mg/kg	0.13	0.039	1
Pyrene	ND		mg/kg	0.13	0.041	1
Benzo(a)anthracene	ND		mg/kg	0.13	0.041	1
Chrysene	ND		mg/kg	0.13	0.041	1
Benzo(b)fluoranthene	ND		mg/kg	0.13	0.042	1
Benzo(k)fluoranthene	ND		mg/kg	0.13	0.040	1
Benzo(a)pyrene	ND		mg/kg	0.17	0.052	1
Indeno(1,2,3-cd)pyrene	ND		mg/kg	0.17	0.047	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.13	0.041	1
Benzo(ghi)perylene	ND		mg/kg	0.17	0.044	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	74		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-10 D
 Client ID: DP-043-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 18:39
 Analyst: KR
 Percent Solids: 90%

Date Collected: 07/17/15 09:47
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.73	0.24	4
2-Methylnaphthalene	ND		mg/kg	0.88	0.23	4
2-Chloronaphthalene	ND		mg/kg	0.73	0.24	4
Acenaphthylene	0.16	J	mg/kg	0.59	0.14	4
Acenaphthene	ND		mg/kg	0.59	0.15	4
Fluorene	ND		mg/kg	0.73	0.21	4
Phenanthrene	0.69		mg/kg	0.44	0.14	4
Anthracene	0.26	J	mg/kg	0.44	0.12	4
Fluoranthene	1.2		mg/kg	0.44	0.13	4
Pyrene	1.1		mg/kg	0.44	0.14	4
Benzo(a)anthracene	0.76		mg/kg	0.44	0.14	4
Chrysene	0.71		mg/kg	0.44	0.14	4
Benzo(b)fluoranthene	0.66		mg/kg	0.44	0.15	4
Benzo(k)fluoranthene	0.56		mg/kg	0.44	0.14	4
Benzo(a)pyrene	0.71		mg/kg	0.59	0.18	4
Indeno(1,2,3-cd)pyrene	0.41	J	mg/kg	0.59	0.16	4
Dibenzo(a,h)anthracene	ND		mg/kg	0.44	0.14	4
Benzo(ghi)perylene	0.47	J	mg/kg	0.59	0.15	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	41		30-120
4-Terphenyl-d14	38		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-11
 Client ID: DP-043-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 16:04
 Analyst: KR
 Percent Solids: 86%

Date Collected: 07/17/15 09:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

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	0.50		mg/kg	0.15	0.036	1
Acenaphthene	0.067	J	mg/kg	0.15	0.039	1
Fluorene	ND		mg/kg	0.19	0.055	1
Phenanthrene	0.54		mg/kg	0.11	0.037	1
Anthracene	0.37		mg/kg	0.11	0.032	1
Fluoranthene	1.7		mg/kg	0.11	0.035	1
Pyrene	1.6		mg/kg	0.11	0.037	1
Benzo(a)anthracene	1.2		mg/kg	0.11	0.037	1
Chrysene	1.2		mg/kg	0.11	0.037	1
Benzo(b)fluoranthene	1.3		mg/kg	0.11	0.038	1
Benzo(k)fluoranthene	1.2		mg/kg	0.11	0.036	1
Benzo(a)pyrene	1.4		mg/kg	0.15	0.047	1
Indeno(1,2,3-cd)pyrene	0.86		mg/kg	0.15	0.042	1
Dibenzo(a,h)anthracene	0.34		mg/kg	0.11	0.037	1
Benzo(ghi)perylene	0.93		mg/kg	0.15	0.040	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	86		30-120
4-Terphenyl-d14	70		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-12
 Client ID: DP-043-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/19/15 16:30
 Analyst: KR
 Percent Solids: 73%

Date Collected: 07/17/15 09:55
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	ND		mg/kg	0.22	0.074	1
2-Methylnaphthalene	ND		mg/kg	0.27	0.071	1
2-Chloronaphthalene	ND		mg/kg	0.22	0.073	1
Acenaphthylene	0.049	J	mg/kg	0.18	0.042	1
Acenaphthene	0.19		mg/kg	0.18	0.046	1
Fluorene	0.16	J	mg/kg	0.22	0.064	1
Phenanthrene	2.6		mg/kg	0.13	0.044	1
Anthracene	0.75		mg/kg	0.13	0.037	1
Fluoranthene	3.0		mg/kg	0.13	0.041	1
Pyrene	2.5		mg/kg	0.13	0.043	1
Benzo(a)anthracene	1.4		mg/kg	0.13	0.044	1
Chrysene	1.2		mg/kg	0.13	0.044	1
Benzo(b)fluoranthene	1.0		mg/kg	0.13	0.045	1
Benzo(k)fluoranthene	1.0		mg/kg	0.13	0.042	1
Benzo(a)pyrene	1.3		mg/kg	0.18	0.054	1
Indeno(1,2,3-cd)pyrene	0.68		mg/kg	0.18	0.049	1
Dibenzo(a,h)anthracene	0.24		mg/kg	0.13	0.043	1
Benzo(ghi)perylene	0.72		mg/kg	0.18	0.046	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	87		18-120

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/19/15 11:18
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 07/18/15 14:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG803993-1					
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	82		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

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): 01-12 Batch: WG803993-2 WG803993-3								
Naphthalene	80		79		40-140	1		50
2-Methylnaphthalene	81		80		40-140	1		50
2-Chloronaphthalene	82		81		40-140	1		50
Acenaphthylene	85		86		40-140	1		50
Acenaphthene	83		84		31-137	1		50
Fluorene	84		86		40-140	2		50
Phenanthrene	84		88		40-140	5		50
Anthracene	88		92		40-140	4		50
Fluoranthene	90		93		40-140	3		50
Pyrene	88		91		35-142	3		50
Benzo(a)anthracene	93		97		40-140	4		50
Chrysene	88		90		40-140	2		50
Benzo(b)fluoranthene	90		95		40-140	5		50
Benzo(k)fluoranthene	93		95		40-140	2		50
Benzo(a)pyrene	94		99		40-140	5		50
Indeno(1,2,3-cd)pyrene	93		98		40-140	5		50
Dibenzo(a,h)anthracene	91		95		40-140	4		50
Benzo(ghi)perylene	90		94		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

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): 01-12 Batch: WG803993-2 WG803993-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
Nitrobenzene-d5	94		94		23-120
2-Fluorobiphenyl	85		85		30-120
4-Terphenyl-d14	92		95		18-120

PETROLEUM HYDROCARBONS

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-01
Client ID: DP-045-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 09:26
Analyst: BS
Percent Solids: 89%

Date Collected: 07/17/15 08:33
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	0.67	J	mg/kg	2.8	0.054	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-01 D
Client ID: DP-045-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 19:59
Analyst: AR
Percent Solids: 89%

Date Collected: 07/17/15 08:33
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	1410		mg/kg	749	83.6	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-02
Client ID: DP-045-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 11:25
Analyst: BS
Percent Solids: 76%

Date Collected: 07/17/15 08:36
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.1	0.060	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	108		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-02 D
 Client ID: DP-045-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 17:48
 Analyst: AR
 Percent Solids: 76%

Date Collected: 07/17/15 08:36
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	355.		mg/kg	209	23.3	5
---------------	------	--	-------	-----	------	---

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

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-03
Client ID: DP-045-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 12:04
Analyst: BS
Percent Solids: 79%

Date Collected: 07/17/15 08:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.7	0.052	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-03
 Client ID: DP-045-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 23:14
 Analyst: AR
 Percent Solids: 79%

Date Collected: 07/17/15 08:40
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	13.0	J	mg/kg	41.9	4.68	1
---------------	------	---	-------	------	------	---

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-04
 Client ID: DP-044-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 12:44
 Analyst: BS
 Percent Solids: 88%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.7	0.052	1
-------------------------	----	--	-------	-----	-------	---

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: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-04 D
 Client ID: DP-044-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 18:54
 Analyst: AR
 Percent Solids: 88%

Date Collected: 07/17/15 08:55
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	496.		mg/kg	182	20.4	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-05
 Client ID: DP-044-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 13:24
 Analyst: BS
 Percent Solids: 72%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	3.3	0.064	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	105		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-05
Client ID: DP-044-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 23:47
Analyst: AR
Percent Solids: 72%

Date Collected: 07/17/15 09:00
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	6.51	J	mg/kg	45.8	5.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	78		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-06
 Client ID: DP-044-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 14:04
 Analyst: BS
 Percent Solids: 77%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.0	0.059	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-06
Client ID: DP-044-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/20/15 00:20
Analyst: AR
Percent Solids: 77%

Date Collected: 07/17/15 09:05
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	42.7	4.77	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	71		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-07
 Client ID: DP-042-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 14:44
 Analyst: BS
 Percent Solids: 87%

Date Collected: 07/17/15 09:25
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab

Gasoline Range Organics	ND		mg/kg	2.7	0.051	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	95		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-07 D
Client ID: DP-042-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 18:21
Analyst: AR
Percent Solids: 87%

Date Collected: 07/17/15 09:25
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	494.		mg/kg	182	20.3	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	92		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
 Client ID: DP-042-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 15:24
 Analyst: BS
 Percent Solids: 74%

Date Collected: 07/17/15 09:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.3	0.064	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	107		70-130

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
 Client ID: DP-042-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 16:09
 Analyst: AR
 Percent Solids: 74%

Date Collected: 07/17/15 09:30
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	10.4	J	mg/kg	44.5	4.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
 Client ID: DP-042-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 14:30
 Analyst: AR
 Percent Solids: 78%

Date Collected: 07/17/15 09:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	ND		mg/kg	40.8	4.56	1

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
 Client ID: DP-042-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 16:03
 Analyst: BS
 Percent Solids: 78%

Date Collected: 07/17/15 09:35
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	3.0	0.058	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	89		70-130
4-Bromofluorobenzene	95		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-10
Client ID: DP-043-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 16:43
Analyst: BS
Percent Solids: 90%

Date Collected: 07/17/15 09:47
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	2.5	0.049	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	101		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-10 D
Client ID: DP-043-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 20:32
Analyst: AR
Percent Solids: 90%

Date Collected: 07/17/15 09:47
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	1910		mg/kg	722	80.6	20
---------------	------	--	-------	-----	------	----

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	51		40-140

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-11
 Client ID: DP-043-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 17:23
 Analyst: BS
 Percent Solids: 86%

Date Collected: 07/17/15 09:50
 Date Received: 07/17/15
 Field Prep: Not Specified
 Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		mg/kg	2.8	0.054	1
-------------------------	----	--	-------	-----	-------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	104		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-11 D
Client ID: DP-043-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 17:16
Analyst: AR
Percent Solids: 86%

Date Collected: 07/17/15 09:50
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Petroleum Hydrocarbon Quantitation - Westborough Lab						
--	--	--	--	--	--	--

DROD (C9-C44)	286.		mg/kg	190	21.2	5
---------------	------	--	-------	-----	------	---

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		40-140

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-12
Client ID: DP-043-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 18:03
Analyst: BS
Percent Solids: 73%

Date Collected: 07/17/15 09:55
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		mg/kg	3.1	0.059	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	100		70-130

Project Name: BUZZARD POINT**Lab Number:** L1516626**Project Number:** 40223-002**Report Date:** 07/20/15**SAMPLE RESULTS**

Lab ID: L1516626-12
Client ID: DP-043-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 22:09
Analyst: AR
Percent Solids: 73%

Date Collected: 07/17/15 09:55
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
DROD (C9-C44)	11.1	J	mg/kg	43.8	4.89	1

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

Project Name: BUZZARD POINT

Lab Number: L1516626

Project Number: 40223-002

Report Date: 07/20/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8015C(M)
 Analytical Date: 07/19/15 15:03
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 07/18/15 15:16

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01-12 Batch: WG803995-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	31.9	3.56

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

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015C(M)
Analytical Date: 07/19/15 08:47
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-12 Batch: WG804239-3					
Gasoline Range Organics	ND		mg/kg	2.5	0.048

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

Lab Control Sample Analysis Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 Batch: WG803995-2								
Total Petroleum Hydrocarbons (C9-C44)	68		-		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: L1516626
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): 01-12 Batch: WG804239-1 WG804239-2								
Gasoline Range Organics	88		95		80-120	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	107		107		70-130
4-Bromofluorobenzene	113		112		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 QC Batch ID: WG804239-5 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02												
Gasoline Range Organics	0.67J	22.3	20	90		-	-		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	103				70-130
4-Bromofluorobenzene	105				70-130

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG803995-3 QC Sample: L1516626-11 Client ID: DP-043-SO-050-02						
Total Petroleum Hydrocarbons (C9-C44)	286	211	mg/kg	30		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	83		88		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804239-4 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02					
Gasoline Range Organics	0.67J	1.0J	mg/kg	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		102		70-130
4-Bromofluorobenzene	104		106		70-130

PCBS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-01
Client ID: DP-045-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 21:44
Analyst: JT
Percent Solids: 89%

Date Collected: 07/17/15 08:33
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0357	0.00282	1	A
Aroclor 1221	ND		mg/kg	0.0357	0.00329	1	A
Aroclor 1232	ND		mg/kg	0.0357	0.00419	1	A
Aroclor 1242	ND		mg/kg	0.0357	0.00437	1	A
Aroclor 1248	ND		mg/kg	0.0357	0.00302	1	A
Aroclor 1254	ND		mg/kg	0.0357	0.00294	1	A
Aroclor 1260	ND		mg/kg	0.0357	0.00272	1	A
Aroclor 1262	ND		mg/kg	0.0357	0.00177	1	A
Aroclor 1268	ND		mg/kg	0.0357	0.00518	1	A
PCBs, Total	ND		mg/kg	0.0357	0.00177	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-02
Client ID: DP-045-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 22:00
Analyst: JT
Percent Solids: 76%

Date Collected: 07/17/15 08:36
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0429	0.00339	1	A
Aroclor 1221	ND		mg/kg	0.0429	0.00395	1	A
Aroclor 1232	ND		mg/kg	0.0429	0.00503	1	A
Aroclor 1242	ND		mg/kg	0.0429	0.00525	1	A
Aroclor 1248	ND		mg/kg	0.0429	0.00362	1	A
Aroclor 1254	ND		mg/kg	0.0429	0.00352	1	A
Aroclor 1260	ND		mg/kg	0.0429	0.00327	1	A
Aroclor 1262	ND		mg/kg	0.0429	0.00213	1	A
Aroclor 1268	ND		mg/kg	0.0429	0.00622	1	A
PCBs, Total	ND		mg/kg	0.0429	0.00213	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-03
Client ID: DP-045-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 22:16
Analyst: JT
Percent Solids: 79%

Date Collected: 07/17/15 08:40
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0412	0.00325	1	A
Aroclor 1221	ND		mg/kg	0.0412	0.00380	1	A
Aroclor 1232	ND		mg/kg	0.0412	0.00483	1	A
Aroclor 1242	ND		mg/kg	0.0412	0.00504	1	A
Aroclor 1248	ND		mg/kg	0.0412	0.00348	1	A
Aroclor 1254	ND		mg/kg	0.0412	0.00338	1	A
Aroclor 1260	ND		mg/kg	0.0412	0.00314	1	A
Aroclor 1262	ND		mg/kg	0.0412	0.00204	1	A
Aroclor 1268	ND		mg/kg	0.0412	0.00597	1	A
PCBs, Total	ND		mg/kg	0.0412	0.00204	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-07
Client ID: DP-042-SO-010-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 22:32
Analyst: JT
Percent Solids: 87%

Date Collected: 07/17/15 09:25
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

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	0.00346	1	A
Aroclor 1232	ND		mg/kg	0.0375	0.00439	1	A
Aroclor 1242	ND		mg/kg	0.0375	0.00459	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	0.00286	1	A
Aroclor 1262	ND		mg/kg	0.0375	0.00186	1	A
Aroclor 1268	ND		mg/kg	0.0375	0.00544	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	71		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
Client ID: DP-042-SO-050-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 22:48
Analyst: JT
Percent Solids: 74%

Date Collected: 07/17/15 09:30
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0435	0.00344	1	A
Aroclor 1221	ND		mg/kg	0.0435	0.00401	1	A
Aroclor 1232	ND		mg/kg	0.0435	0.00510	1	A
Aroclor 1242	ND		mg/kg	0.0435	0.00532	1	A
Aroclor 1248	ND		mg/kg	0.0435	0.00367	1	A
Aroclor 1254	ND		mg/kg	0.0435	0.00358	1	A
Aroclor 1260	ND		mg/kg	0.0435	0.00331	1	A
Aroclor 1262	ND		mg/kg	0.0435	0.00216	1	A
Aroclor 1268	ND		mg/kg	0.0435	0.00631	1	A
PCBs, Total	ND		mg/kg	0.0435	0.00216	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
Client ID: DP-042-SO-100-02
Sample Location: Not Specified
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/18/15 23:04
Analyst: JT
Percent Solids: 78%

Date Collected: 07/17/15 09:35
Date Received: 07/17/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		mg/kg	0.0427	0.00337	1	A
Aroclor 1221	ND		mg/kg	0.0427	0.00393	1	A
Aroclor 1232	ND		mg/kg	0.0427	0.00500	1	A
Aroclor 1242	ND		mg/kg	0.0427	0.00522	1	A
Aroclor 1248	ND		mg/kg	0.0427	0.00360	1	A
Aroclor 1254	ND		mg/kg	0.0427	0.00351	1	A
Aroclor 1260	ND		mg/kg	0.0427	0.00325	1	A
Aroclor 1262	ND		mg/kg	0.0427	0.00212	1	A
Aroclor 1268	ND		mg/kg	0.0427	0.00619	1	A
PCBs, Total	ND		mg/kg	0.0427	0.00212	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/18/15 20:57
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 07/18/15 15:59
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/15
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03,07-09 Batch: WG803996-1						
Aroclor 1016	ND		mg/kg	0.0332	0.00262	A
Aroclor 1221	ND		mg/kg	0.0332	0.00306	A
Aroclor 1232	ND		mg/kg	0.0332	0.00389	A
Aroclor 1242	ND		mg/kg	0.0332	0.00406	A
Aroclor 1248	ND		mg/kg	0.0332	0.00280	A
Aroclor 1254	ND		mg/kg	0.0332	0.00273	A
Aroclor 1260	ND		mg/kg	0.0332	0.00253	A
Aroclor 1262	ND		mg/kg	0.0332	0.00165	A
Aroclor 1268	ND		mg/kg	0.0332	0.00481	A
PCBs, Total	ND		mg/kg	0.0332	0.00165	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	98		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

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): 01-03,07-09 Batch: WG803996-2 WG803996-3									
Aroclor 1016	93		99		40-140	6		50	A
Aroclor 1260	95		99		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		86		30-150	A
Decachlorobiphenyl	83		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		89		30-150	B
Decachlorobiphenyl	94		94		30-150	B

METALS

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-01
 Client ID: DP-045-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 07/17/15 08:33
 Date Received: 07/17/15
 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	7800		mg/kg	8.6	1.7	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Antimony, Total	7.2		mg/kg	4.3	0.69	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Arsenic, Total	9.8		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Barium, Total	110		mg/kg	0.86	0.26	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Beryllium, Total	0.58		mg/kg	0.43	0.09	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Cadmium, Total	0.49	J	mg/kg	0.86	0.06	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Calcium, Total	17000		mg/kg	8.6	2.6	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Cobalt, Total	7.2		mg/kg	1.7	0.43	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Copper, Total	33		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	4.3	1.7	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Lead, Total	160		mg/kg	4.3	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	8.6	0.86	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Manganese, Total	290		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Mercury, Total	0.21		mg/kg	0.07	0.02	1	07/19/15 06:21	07/19/15 18:39	EPA 7471B	1,7471B	EA
Nickel, Total	15		mg/kg	2.1	0.34	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Potassium, Total	770		mg/kg	210	34.	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	8.6	1.3	10	07/20/15 08:06	07/20/15 15:21	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Sodium, Total	110	J	mg/kg	170	26.	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Vanadium, Total	28		mg/kg	0.86	0.09	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC
Zinc, Total	98		mg/kg	4.3	0.60	2	07/20/15 08:06	07/20/15 13:48	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-02
 Client ID: DP-045-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 76%

Date Collected: 07/17/15 08:36
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	9.9	2.0	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.79	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Arsenic, Total	5.5		mg/kg	0.99	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Barium, Total	210		mg/kg	0.99	0.30	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Beryllium, Total	0.83		mg/kg	0.50	0.10	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Cadmium, Total	0.10	J	mg/kg	0.99	0.07	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Calcium, Total	5600		mg/kg	9.9	3.0	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.99	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Cobalt, Total	8.0		mg/kg	2.0	0.50	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Copper, Total	56		mg/kg	0.99	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Iron, Total	9300		mg/kg	5.0	2.0	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Lead, Total	250		mg/kg	5.0	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Magnesium, Total	600		mg/kg	9.9	0.99	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Manganese, Total	220		mg/kg	0.99	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Mercury, Total	0.05	J	mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:04	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	2.5	0.40	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Potassium, Total	1000		mg/kg	250	40.	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.30	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.99	0.20	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Sodium, Total	280		mg/kg	200	30.	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Vanadium, Total	25		mg/kg	0.99	0.10	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC
Zinc, Total	130		mg/kg	5.0	0.69	2	07/20/15 08:06	07/20/15 14:02	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-03
 Client ID: DP-045-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 07/17/15 08:40
 Date Received: 07/17/15
 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	9.7	1.9	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.9	0.78	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Arsenic, Total	2.1		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Barium, Total	97		mg/kg	0.97	0.29	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Beryllium, Total	0.70		mg/kg	0.49	0.10	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Calcium, Total	1700		mg/kg	9.7	2.9	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Cobalt, Total	16		mg/kg	1.9	0.49	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Copper, Total	28		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Iron, Total	14000		mg/kg	4.9	1.9	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Lead, Total	100		mg/kg	4.9	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Magnesium, Total	920		mg/kg	9.7	0.97	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Manganese, Total	140		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Mercury, Total	0.20		mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:06	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.4	0.39	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Potassium, Total	690		mg/kg	240	39.	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Selenium, Total	0.92	J	mg/kg	1.9	0.29	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Sodium, Total	160	J	mg/kg	190	29.	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	0.97	0.10	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC
Zinc, Total	57		mg/kg	4.9	0.68	2	07/20/15 08:06	07/20/15 14:25	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-04
 Client ID: DP-044-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 07/17/15 08:55
 Date Received: 07/17/15
 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	7300		mg/kg	8.6	1.7	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.3	0.69	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Arsenic, Total	1.9		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Barium, Total	120		mg/kg	0.86	0.26	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Beryllium, Total	0.44		mg/kg	0.43	0.09	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Cadmium, Total	0.14	J	mg/kg	0.86	0.06	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Calcium, Total	18000		mg/kg	8.6	2.6	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Chromium, Total	15		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Cobalt, Total	6.5		mg/kg	1.7	0.43	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Copper, Total	120		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Iron, Total	15000		mg/kg	4.3	1.7	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Lead, Total	160		mg/kg	4.3	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Magnesium, Total	1500		mg/kg	8.6	0.86	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Manganese, Total	210		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Mercury, Total	0.09		mg/kg	0.07	0.02	1	07/19/15 06:21	07/19/15 19:08	EPA 7471B	1,7471B	EA
Nickel, Total	11		mg/kg	2.2	0.34	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Potassium, Total	670		mg/kg	220	34.	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.86	0.17	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Sodium, Total	78	J	mg/kg	170	26.	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.86	0.09	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC
Zinc, Total	95		mg/kg	4.3	0.60	2	07/20/15 08:06	07/20/15 14:29	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-05
 Client ID: DP-044-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 72%

Date Collected: 07/17/15 09:00
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7700		mg/kg	10	2.1	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.2	0.84	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Arsenic, Total	8.8		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Barium, Total	320		mg/kg	1.0	0.31	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Beryllium, Total	0.77		mg/kg	0.52	0.10	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Cadmium, Total	0.08	J	mg/kg	1.0	0.07	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Calcium, Total	8900		mg/kg	10	3.1	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Chromium, Total	17		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Cobalt, Total	9.0		mg/kg	2.1	0.52	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Copper, Total	77		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Iron, Total	9600		mg/kg	5.2	2.1	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Lead, Total	490		mg/kg	5.2	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Magnesium, Total	660		mg/kg	10	1.0	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Mercury, Total	0.19		mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:10	EPA 7471B	1,7471B	EA
Nickel, Total	18		mg/kg	2.6	0.42	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Potassium, Total	770		mg/kg	260	42.	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.1	0.31	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Sodium, Total	280		mg/kg	210	31.	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.42	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Vanadium, Total	36		mg/kg	1.0	0.10	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC
Zinc, Total	120		mg/kg	5.2	0.73	2	07/20/15 08:06	07/20/15 14:32	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-06
 Client ID: DP-044-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 77%

Date Collected: 07/17/15 09:05
 Date Received: 07/17/15
 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	10	2.0	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.0	0.80	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Arsenic, Total	5.0		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Barium, Total	200		mg/kg	1.0	0.30	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Beryllium, Total	0.57		mg/kg	0.50	0.10	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Cadmium, Total	0.13	J	mg/kg	1.0	0.07	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Calcium, Total	35000		mg/kg	10	3.0	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Cobalt, Total	8.0		mg/kg	2.0	0.50	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Copper, Total	47		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Iron, Total	12000		mg/kg	5.0	2.0	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Lead, Total	240		mg/kg	5.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Magnesium, Total	920		mg/kg	10	1.0	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Manganese, Total	200		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Mercury, Total	0.16		mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:12	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.5	0.40	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Potassium, Total	860		mg/kg	250	40.	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Selenium, Total	0.40	J	mg/kg	2.0	0.30	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Sodium, Total	600		mg/kg	200	30.	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.40	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Vanadium, Total	30		mg/kg	1.0	0.10	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC
Zinc, Total	110		mg/kg	5.0	0.70	2	07/20/15 08:06	07/20/15 14:36	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-07
 Client ID: DP-042-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 07/17/15 09:25
 Date Received: 07/17/15
 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	9.1	1.8	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.6	0.73	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Arsenic, Total	2.5		mg/kg	0.91	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Barium, Total	240		mg/kg	0.91	0.27	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Beryllium, Total	0.77		mg/kg	0.46	0.09	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.91	0.06	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Calcium, Total	24000		mg/kg	9.1	2.7	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.91	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Cobalt, Total	8.4		mg/kg	1.8	0.46	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Copper, Total	39		mg/kg	0.91	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Iron, Total	23000		mg/kg	4.6	1.8	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Lead, Total	140		mg/kg	4.6	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Magnesium, Total	1600		mg/kg	9.1	0.91	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Manganese, Total	310		mg/kg	0.91	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Mercury, Total	0.18		mg/kg	0.08	0.02	1	07/19/15 06:21	07/19/15 19:13	EPA 7471B	1,7471B	EA
Nickel, Total	14		mg/kg	2.3	0.36	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Potassium, Total	840		mg/kg	230	36.	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.91	0.18	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Sodium, Total	290		mg/kg	180	27.	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Vanadium, Total	37		mg/kg	0.91	0.09	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC
Zinc, Total	100		mg/kg	4.6	0.64	2	07/20/15 08:06	07/20/15 14:40	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
 Client ID: DP-042-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 74%

Date Collected: 07/17/15 09:30
 Date Received: 07/17/15
 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	10	2.1	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.2	0.83	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Arsenic, Total	11		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Barium, Total	270		mg/kg	1.0	0.31	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Beryllium, Total	0.73		mg/kg	0.52	0.10	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Cadmium, Total	0.13	J	mg/kg	1.0	0.07	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Calcium, Total	11000		mg/kg	10	3.1	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Chromium, Total	16		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Cobalt, Total	8.5		mg/kg	2.1	0.52	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Copper, Total	54		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Iron, Total	16000		mg/kg	5.2	2.1	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Lead, Total	400		mg/kg	5.2	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Magnesium, Total	810		mg/kg	10	1.0	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Manganese, Total	240		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Mercury, Total	0.08	J	mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:19	EPA 7471B	1,7471B	EA
Nickel, Total	17		mg/kg	2.6	0.41	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Potassium, Total	850		mg/kg	260	41.	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.1	0.31	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.21	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Sodium, Total	920		mg/kg	210	31.	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.1	0.41	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Vanadium, Total	33		mg/kg	1.0	0.10	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC
Zinc, Total	310		mg/kg	5.2	0.72	2	07/20/15 08:06	07/20/15 14:44	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
 Client ID: DP-042-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 07/17/15 09:35
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5600		mg/kg	9.7	1.9	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.8	0.78	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Arsenic, Total	2.2		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Barium, Total	150		mg/kg	0.97	0.29	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Beryllium, Total	0.62		mg/kg	0.48	0.10	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.97	0.07	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Calcium, Total	5400		mg/kg	9.7	2.9	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Chromium, Total	9.8		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Cobalt, Total	5.5		mg/kg	1.9	0.48	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Copper, Total	21		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Iron, Total	9400		mg/kg	4.8	1.9	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Lead, Total	230		mg/kg	4.8	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Magnesium, Total	700		mg/kg	9.7	0.97	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Manganese, Total	150		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Mercury, Total	0.18		mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:21	EPA 7471B	1,7471B	EA
Nickel, Total	9.8		mg/kg	2.4	0.39	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Potassium, Total	480		mg/kg	240	39.	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.29	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Sodium, Total	310		mg/kg	190	29.	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.39	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Vanadium, Total	17		mg/kg	0.97	0.10	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC
Zinc, Total	85		mg/kg	4.8	0.68	2	07/20/15 08:06	07/20/15 14:47	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-10
 Client ID: DP-043-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 07/17/15 09:47
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5700		mg/kg	8.5	1.7	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.2	0.68	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Arsenic, Total	ND		mg/kg	4.2	0.85	10	07/20/15 08:06	07/20/15 15:39	EPA 3050B	1,6010C	MC
Barium, Total	83		mg/kg	0.85	0.26	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Beryllium, Total	0.36	J	mg/kg	0.42	0.09	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.85	0.06	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Calcium, Total	10000		mg/kg	8.5	2.6	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.85	0.17	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Cobalt, Total	4.9		mg/kg	1.7	0.42	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Copper, Total	28		mg/kg	0.85	0.17	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Iron, Total	26000		mg/kg	4.2	1.7	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Lead, Total	120		mg/kg	4.2	0.17	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Magnesium, Total	950		mg/kg	8.5	0.85	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Manganese, Total	210		mg/kg	0.85	0.17	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Mercury, Total	0.30		mg/kg	0.07	0.02	1	07/19/15 06:21	07/19/15 19:22	EPA 7471B	1,7471B	EA
Nickel, Total	9.0		mg/kg	2.1	0.34	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Potassium, Total	610		mg/kg	210	34.	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.7	0.26	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.85	0.17	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Sodium, Total	61	J	mg/kg	170	26.	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.7	0.34	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Vanadium, Total	34		mg/kg	0.85	0.09	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC
Zinc, Total	91		mg/kg	4.2	0.60	2	07/20/15 08:06	07/20/15 15:10	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-11
 Client ID: DP-043-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 07/17/15 09:50
 Date Received: 07/17/15
 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	6500		mg/kg	9.0	1.8	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.5	0.72	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Arsenic, Total	3.9		mg/kg	0.90	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Barium, Total	170		mg/kg	0.90	0.27	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Beryllium, Total	0.56		mg/kg	0.45	0.09	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Cadmium, Total	0.09	J	mg/kg	0.90	0.06	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Calcium, Total	27000		mg/kg	9.0	2.7	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Chromium, Total	14		mg/kg	0.90	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Cobalt, Total	6.2		mg/kg	1.8	0.45	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Copper, Total	43		mg/kg	0.90	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Iron, Total	13000		mg/kg	4.5	1.8	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Lead, Total	260		mg/kg	4.5	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Magnesium, Total	2400		mg/kg	9.0	0.90	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Manganese, Total	180		mg/kg	0.90	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Mercury, Total	0.30		mg/kg	0.08	0.02	1	07/19/15 06:21	07/19/15 19:24	EPA 7471B	1,7471B	EA
Nickel, Total	13		mg/kg	2.2	0.36	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Potassium, Total	800		mg/kg	220	36.	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Sodium, Total	160	J	mg/kg	180	27.	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Vanadium, Total	26		mg/kg	0.90	0.09	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC
Zinc, Total	110		mg/kg	4.5	0.63	2	07/20/15 08:06	07/20/15 15:14	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-12
 Client ID: DP-043-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil
 Percent Solids: 73%

Date Collected: 07/17/15 09:55
 Date Received: 07/17/15
 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	10	2.0	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	5.1	0.82	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Arsenic, Total	ND		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Barium, Total	140		mg/kg	1.0	0.31	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Beryllium, Total	0.57		mg/kg	0.51	0.10	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Cadmium, Total	0.07	J	mg/kg	1.0	0.07	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Calcium, Total	5000		mg/kg	10	3.1	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Chromium, Total	18		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Cobalt, Total	7.2		mg/kg	2.0	0.51	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Copper, Total	100		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	5.1	2.0	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Lead, Total	320		mg/kg	5.1	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	10	1.0	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Manganese, Total	690		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Mercury, Total	1.6		mg/kg	0.09	0.02	1	07/19/15 06:21	07/19/15 19:26	EPA 7471B	1,7471B	EA
Nickel, Total	10		mg/kg	2.6	0.41	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Potassium, Total	640		mg/kg	260	41.	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.31	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	1.0	0.20	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Sodium, Total	190	J	mg/kg	200	31.	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.41	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Vanadium, Total	27		mg/kg	1.0	0.10	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC
Zinc, Total	170		mg/kg	5.1	0.72	2	07/20/15 08:06	07/20/15 15:18	EPA 3050B	1,6010C	MC



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 Batch: WG804028-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	07/19/15 06:21	07/19/15 18:35	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-12 Batch: WG804158-1									
Aluminum, Total	ND	mg/kg	4.0	0.80	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Antimony, Total	ND	mg/kg	2.0	0.32	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Arsenic, Total	ND	mg/kg	0.40	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Barium, Total	ND	mg/kg	0.40	0.12	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Beryllium, Total	ND	mg/kg	0.20	0.04	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Cadmium, Total	ND	mg/kg	0.40	0.03	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Calcium, Total	ND	mg/kg	4.0	1.2	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Chromium, Total	ND	mg/kg	0.40	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Cobalt, Total	ND	mg/kg	0.80	0.20	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Copper, Total	ND	mg/kg	0.40	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Iron, Total	23	mg/kg	2.0	0.80	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Lead, Total	ND	mg/kg	2.0	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Magnesium, Total	ND	mg/kg	4.0	0.40	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Manganese, Total	ND	mg/kg	0.40	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Nickel, Total	ND	mg/kg	1.0	0.16	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Potassium, Total	ND	mg/kg	100	16.	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Selenium, Total	ND	mg/kg	0.80	0.12	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Silver, Total	ND	mg/kg	0.40	0.08	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Sodium, Total	ND	mg/kg	80	12.	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Thallium, Total	ND	mg/kg	0.80	0.16	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Vanadium, Total	ND	mg/kg	0.40	0.04	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC
Zinc, Total	ND	mg/kg	2.0	0.28	1	07/20/15 08:06	07/20/15 13:40	1,6010C	MC

Project Name: BUZZARD POINT

Lab Number: L1516626

Project Number: 40223-002

Report Date: 07/20/15

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 Batch: WG804028-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 Batch: WG804158-2 SRM Lot Number: D088-540					
Aluminum, Total	90	-	48-151	-	
Antimony, Total	178	-	1-208	-	
Arsenic, Total	96	-	79-121	-	
Barium, Total	94	-	83-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	100	-	83-117	-	
Calcium, Total	96	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	92	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	110	-	45-155	-	
Lead, Total	97	-	81-117	-	
Magnesium, Total	91	-	76-124	-	
Manganese, Total	98	-	81-118	-	
Nickel, Total	96	-	83-117	-	
Potassium, Total	93	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	98	-	75-124	-	
Sodium, Total	97	-	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: L1516626

Report Date: 07/20/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 Batch: WG804158-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 QC Batch ID: WG804028-4 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02												
Mercury, Total	0.21	0.15	0.40	127	Q	-	-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 QC Batch ID: WG804158-4 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02									
Aluminum, Total	7800	169	8000	118	-	-	75-125	-	20
Antimony, Total	7.2	42.2	33	61	Q	-	75-125	-	20
Arsenic, Total	9.8	10.1	12	22	Q	-	75-125	-	20
Barium, Total	110	169	260	89	-	-	75-125	-	20
Beryllium, Total	0.58	4.22	4.5	93	-	-	75-125	-	20
Cadmium, Total	0.49J	4.3	4.2	98	-	-	75-125	-	20
Calcium, Total	17000	844	70000	6280	Q	-	75-125	-	20
Chromium, Total	16.	16.9	31	89	-	-	75-125	-	20
Cobalt, Total	7.2	42.2	44	87	-	-	75-125	-	20
Copper, Total	33.	21.1	52	90	-	-	75-125	-	20
Iron, Total	16000	84.4	15000	0	Q	-	75-125	-	20
Lead, Total	160	43	160	0	Q	-	75-125	-	20
Magnesium, Total	1600	844	2500	107	-	-	75-125	-	20
Manganese, Total	290	42.2	240	0	Q	-	75-125	-	20
Nickel, Total	15.	42.2	49	80	-	-	75-125	-	20
Potassium, Total	770	844	1700	110	-	-	75-125	-	20
Selenium, Total	ND	10.1	9.7	96	-	-	75-125	-	20
Silver, Total	ND	25.3	26	103	-	-	75-125	-	20
Sodium, Total	110J	844	940	111	-	-	75-125	-	20
Thallium, Total	ND	10.1	8.0	79	-	-	75-125	-	20
Vanadium, Total	28.	42.2	70	100	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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): 01-12 QC Batch ID: WG804158-4 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02									
Zinc, Total	98.	42.2	120	52	Q	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804028-3 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02						
Mercury, Total	0.21	0.22	mg/kg	5		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804158-3 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02					
Aluminum, Total	7800	7600	mg/kg	3	20
Antimony, Total	7.2	ND	mg/kg	NC	20
Arsenic, Total	9.8	1.5	mg/kg	147	Q 20
Barium, Total	110	110	mg/kg	0	20
Beryllium, Total	0.58	0.48	mg/kg	19	20
Cadmium, Total	0.49J	ND	mg/kg	NC	20
Calcium, Total	17000	40000	mg/kg	81	Q 20
Chromium, Total	16.	16	mg/kg	0	20
Cobalt, Total	7.2	6.8	mg/kg	6	20
Copper, Total	33.	27	mg/kg	20	20
Iron, Total	16000	14000	mg/kg	13	20
Lead, Total	160	110	mg/kg	37	Q 20
Magnesium, Total	1600	2000	mg/kg	22	Q 20
Manganese, Total	290	250	mg/kg	15	20
Nickel, Total	15.	12	mg/kg	22	Q 20
Potassium, Total	770	780	mg/kg	1	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	110J	100J	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804158-3 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02					
Vanadium, Total	28.	27	mg/kg	4	20
Zinc, Total	98.	81	mg/kg	19	20
Total Metals - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804158-3 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02					
Selenium, Total	ND	ND	mg/kg	NC	20

INORGANICS & MISCELLANEOUS

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-01
 Client ID: DP-045-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:33
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-02
 Client ID: DP-045-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:36
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.1		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-03
 Client ID: DP-045-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:40
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-04
 Client ID: DP-044-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 08:55
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-05
 Client ID: DP-044-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:00
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.5		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-06
 Client ID: DP-044-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:05
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.5		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Lab Number: L1516626

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-07
 Client ID: DP-042-SO-010-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:25
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-08
 Client ID: DP-042-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:30
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.6		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-09
 Client ID: DP-042-SO-100-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:35
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.5		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-10
Client ID: DP-043-SO-010-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 09:47
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT

Lab Number: L1516626

Project Number: 40223-002

Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-11
 Client ID: DP-043-SO-050-02
 Sample Location: Not Specified
 Matrix: Soil

Date Collected: 07/17/15 09:50
 Date Received: 07/17/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

SAMPLE RESULTS

Lab ID: L1516626-12
Client ID: DP-043-SO-100-02
Sample Location: Not Specified
Matrix: Soil

Date Collected: 07/17/15 09:55
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.3		%	0.100	NA	1	-	07/19/15 00:18	30,2540G	MR



Lab Duplicate Analysis

Batch Quality Control

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG804023-1 QC Sample: L1516626-01 Client ID: DP-045-SO-010-02						
Solids, Total	88.9	88.0	%	1		20

Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

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

C Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516626-01A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-01A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-01B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-02A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-02A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-02B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-03A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-03A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516626-03B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-04A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-04A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-04B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-05A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-05A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-05B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-06A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-06A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516626-06B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-07A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-07A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-07B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-08A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-08A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-08B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-09A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-09A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516626-09B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-10A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-10A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-10B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-11A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-11A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)
L1516626-11B	Glass 250ml/8oz unpreserved	C	N/A	2.7	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)
L1516626-12A	Vial Large Septa unpreserved (4o	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14),HOLD-8260(14)
L1516626-12A9	Vial MeOH preserved split	C	N/A	2.7	Y	Absent	PA-TPH-GRO(14)

*Values in parentheses indicate holding time in days



Project Name: BUZZARD POINT

Project Number: 40223-002

Lab Number: L1516626

Report Date: 07/20/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516626-12B	Glass 250ml/8oz unpreserved	C	N/A	2.7	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PA-TPH-DROD-C44(14),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180),PA-8270(14)

*Values in parentheses indicate holding time in days

Project Name: BUZZARD POINT
Project Number: 40223-002

Lab Number: L1516626
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: L1516626
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: L1516626
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 1 OF 2

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L1516626



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

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

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Report Information - Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Client Information

Client: Haley + Aldrich
Address: 5333 Mission Center Rd
San Diego, CA
Phone:
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Email: dkennard@haleyaldrich.com
Date Due: 7/18/15 24hr TAT Time:
 These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
 TAL Metals (EPA 6010)
 TPH C6 to C14 (EPA 8010)
 PAHs (EPA 8270C)
 PCBs (EPA 8082)

SAMPLE HANDLING

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

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			TAL Metals (EPA 6010)	TPH C6 to C14 (EPA 8010)	PAHs (EPA 8270C)	PCBs (EPA 8082)		
16626-01	DP-045-50-010-02	7/17/15	0833	SO	AF	X	X	X	X		
02	DP-045-50-050-02		0836			X	X	X	X		
03	DP-045-50-100-02		0840			X	X	X	X		
04	DP-044-50-010-02		0855			X	X	X			
05	DP-044-50-050-02		0900			X	X	X			
06	DP-044-50-100-02		0905			X	X	X			
07	DP-042-50-010-02		0925			X	X	X	X		
08	DP-042-50-050-02		0930			X	X	X	X		
09	DP-042-50-100-02		0935			X	X	X	X		
0	DP-043-50-010-02		0947			X	X	X			

Container Type

Preservative

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

Relinquished By:

Date/Time

Received By:

Date/Time

[Signature]
[Signature]
[Signature]

7/17/15 15:50
7/17/15
7/18/15 12:35

[Signature]
[Signature]
[Signature]

7/17/15 15:50
7/18/15 20:00
7-18-15 12:35

CHAIN OF CUSTODY

PAGE 2 OF 2



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

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

Project Information

Project Name:
Project Location:
Project #: 40223-002
Project Manager:
ALPHA Quote #:

Date Rec'd in Lab: 7-18-15

ALPHA Job #: L1516626

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
Phone:
Fax:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: 7/18/15 Time: 24hr TAT

Email: dkennard@haleyaldrich.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS
TAL Metals (EPA 6010)
TPH C6 to C14 (EPA 8015)
PAHs (EPA 8270g)
PCBs (EPA 8082)

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
		Date	Time			TAL Metals	TPH	PAHs	
16626-11	DP-043-S0-050-02	7/17/15	0950	S0	AF	X	X	X	
12	DP-043-S0-100-02	7/17/15	0955	S0	AF	X	X	X	

Container Type
Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Andrew King</i>	7/17/15 1550	<i>APC Jant</i>	7/17/15 15:50
<i>J. Wall</i>	7/17/15	<i>Charles King</i>	7/17/15 7:00
<i>Charles King</i>	7/18/15 1235	<i>Mull Amy</i>	7-18-15 1235

Date: 7/17/15

Alpha Analytical Lab

Cell: 201-995-3194

John Wright

Client	City	Time	PU	DO	# of Coolers + Air Cooled	ICE & TB?	# of COC's
Haley & Aldrich Tanya Nelson (703) 334-4214 cell (619) 405-9808	Potomac Avenue and 1st Street SW Washington DC	15:30 - 16:00	X				
Alpha Analytical Inc Special Instruction Drop off VA sampls	127 Gaither Dr Suite G Mount Laurel NJ	17:00 - 18:00		X	5 Coolers	ICE	6 COC's