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INITIAL CHARACTERIZATION

SUBSURFACE INVESTIGATION

Property Located at: 1515 196TH Street S.E. Bothell, Washington

Prepared for: Schlueter Family Trust

> Submitted by: Migizi Group

Jason Souza President/Principal Scientist

June 12, 2017



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FIGURE 1 – Site Location

FIGURE 2 – Site Feature and Selected Soil Data



1.0 INTRODUCTION

MGI Consulting, L.L.C. (MGI) has prepared this Subsurface Investigation for the property at 1515 196th Street S.E. Bothell, Washington (Site, Figure 1). These results have been prepared in accordance with WAC 173-340. The further characterization at the Site is being conducted as an independent cleanup action under the Washington State Department of Ecology (Ecology) in accordance with Ecology's Voluntary Cleanup Program (VCP).

1.1 BACKGROUND

MGI understands that the Site has been placed on the Confirmed or Suspected Contaminated Site List (CSCSL) by Washington State Department of Ecology (Ecology). Surface soil samples collected from zero to 16 inches below ground surface (bgs) at the Site in eight locations on February 9, 2005 by Snohomish Health Department and analyzed for arsenic (As), cadmium (Cd), chromium (Cr), lead (Pb), diesel-range petroleum hydrocarbons and oil-range petroleum hydrocarbons. One location (S-S5) was reported to contain concentrations of Cr, Pb and oil in excess of Ecology's Model Toxics Control Act (MTCA) benchmark for Unrestricted Land Use (MTCA Method A). Three additional locations were reported to contain concentrations of Cr slightly above MTCA Method A (locations S-S1, S-S7 and S-S8).

The Site's history indicates a Recognized Environmental Condition (REC) from illegal dumping. The goal of the project is to characterize the areas previously sampled by SHD, compare the data to the correct applicable regulatory benchmark, and determine the need, if any, for further characterization and / or remedial efforts.



2.0 EXISTING CONDITIONS

The Property is located at 1515 196th Street S.E., Bothell, in the State of Washington (tax parcel 27051800402000, in the southeast quarter of Section 18, Township 27 North, Range 5 East). The location of the Property is depicted on Figure 1. The Property is located approximately 150 feet northeast of North Creek, east of the Bothell-Everett Highway.

The Property is flat-lying and unpaved. Surfaces are gravel-covered and surrounded by silt fencing. Minor areas of standing water were observed inside and outside the silt fence on the Property. One above-ground modular storage tank for diesel was observed inside a fuel shed. No leaking or staining was observed associated with any of the construction staging at the Property. One small pit, measuring a yard square and extending perhaps two feet deep was observed near a light standard at the west side of the Property. The pit appeared to have been dug for the purposes of locating the electrical conduit beneath.

No other visual indications of underground storage tanks, petroleum products, PCBs or transformers, pits, ponds, lagoons or other features which would indicate visually-identifiable indications of environmental impairment were observed on the Property.

2.1 TOPOGRAPHY & REGIONAL GROUNDWATER

The 2014 USGS Topographic Map indicates the Property is approximately 223 feet above mean sea level (msl). While the site itself has been leveled, the surrounding area slopes towards toward the creek west of the Property. Typically, shallow groundwater flow direction on a Property can be inferred by examination of the surface topography. Regional groundwater flow is expected to be to the west, towards North Creek. Groundwater is shallow at the Property, likely less than ten feet.

According to Washington State Department of Ecology's Well Log Search database, there are no groundwater monitoring wells or soil boring records for the subject site, outside of the Department of Health sampling event.

2.2 REGIONAL GEOLOGY AND SOIL CHARACTERIZATION

Bothell, and the larger Puget Sound area in general, has been glaciated a number of times over the last 2.4 million years. The most recent of these glacial events, the Vashon Stade of the Fraser Glaciation, receded from this region approximately 13,500 years ago. The majority of near surface soils encountered within the Bothell area are either directly associated with, or have been physically altered by the Vashon glacial event.

In the Geologic Map of the Bothell Quadrangle, Snohomish and King Counties, Washington, as prepared by the Department of the Interior, U. S. Geological Survey



(USGS) (1985), the project area is mapped as containing Qva, or Vashon-aged advance outwash, close to the contact with Qtb, or transition beds. Advance outwash soils generally consist of well-sorted sand and gravel deposited by streams issuing from the advancing ice sheet. May grade upward into glacial till soils, and is typically underlain by the geologic unit Lawton Clay. Transition beds, as the name would indicate, contain soils deposited between early Fraser Glaciation, to Pre-Fraser, non-glacial times. These deposits consist primarily of thinly-bedded clay, more commonly referred to as Lawton Clay. The contact between advance outwash and Lawton Clay is infamous in the Puget Sound area, and is often associated with regions of slope instability.

2.3 PREVIOUS ENVIRONMENTAL SAMPLING

Between September 1, 2000 and January 26, 2005 Snohomish Health District (SHD) responded to multiple neighborhood complaints regarding dumping at the Site. On February 9, 2005 SHD mobilized to the Site with the stated objective of collecting samples of visually-identified oil stains in the very near surface soil in order to document concentrations in excess of MTCA Method A Cleanup Criteria. The study was a focused (biased) sampling exercise based upon visually-identifiable areas where staining was observed or fill materials had been placed. A total of eight soil samples were collected. Analytical data is summarized below, including the depth of the sampling interval (Table 1, SHD Surface Soil Data, February 9, 2005).

Sample Information Analytical Data Summary (mg/kg, or ppm) Comments on Location ID As Cd Pb Diesel Oil Depth Cr S-S1 16 in. 8.01 2.51 31.53 16.36 ND ND Edge of dumping area S-S2 17.92 0-14 in. 14.52 1.94 21.71 ND ND Edge of dumping area S-S3 10.83 13.22 ND 6-19 in. 1.52 16.03 ND Non-oil stained area S-S4 4.00 ND ND 10 in. 1.3 27.49 6.06 Non-oil stained area S-S5 748 70,000 3-4 in. 6.85 2.10 36.0 ND Oil-stained area S-S6 10.37 1.71 32.51 5.16 NA NA Non-oil stained area 10 in. S-S7 2.59 10 in. 4.01 36.68 4.45 NA NA Fill area S-S8 4.78 2.82 78.0 NA NA Fill area 10 in. 5.10 MTCA Method A 20 2 $19/2000^{1}$ 250 2,000 2,000

TABLE 1: SURFACE SOIL DATA

In the table above, shaded cells represent those sample locations chosen by SHD and reported to have been chosen at locations where contamination was visually most evident; the white cells represent those samples (S-S3, S-S4 and S-S6) collected at the direction of Mr. Schlueter, to serve as a part of a baseline of non-visibly suspect areas.

 1 19 mg/kg for hexavalent chromium, 2,000 mg/kg for trivalent chromium. Data reported is shown in total chromium.

3

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Four locations were reported to contain soil with detections of contaminants in excess of MTCA Method A criteria. Each of the exceedances were reported from locations where the soil was visibly impacted with oil or visibly discernable as fill. The following bullets summarize the analytical detections associates with the biased samples:

- Four of the locations were reported to contain concentrations of cadmium slightly above 2.0 mg/kg (between 2.10 and 2.82 mg/kg);
- One location was reported oil-range petroleum hydrocarbons (70,000 mg/kg at 3-4 inches below ground);
- One location was reported to contain elevated concentrations of lead (748 mg/kg), and;
- One of the samples collected in an area of fill reported no detections of any CoCs in excess of MTCA Method A criteria.

None of the samples collected as part of the baseline sample set (e.g. samples collected from non-visibly differentiable areas of the Property) were reported to contain concentrations of any contaminants of concern above any Ecology-regulatory benchmark.

The results of the surface soil sampling confirm surface oil staining characteristic of combusted engine oil; lead is most likely attributed to the oil staining. The detections of cadmium reported by SHD are not sufficiently more than MTCA Method A to confirm a source and only slightly above the background samples collected. The laboratory analytical data was not included in the regulatory listing. No duplicate, split or quality control blanks were analyzed to determine the accuracy and precision of the sampling and analysis methodology.

Since 2005 the Property has served as a construction staging area and is currently being leased by Frank Collucio Construction. A few semi-permanent structures for construction support, some heavy equipment on course gravel cover the majority of the Property, and the entirety of the areas evaluated by SHD. MGI compared historic aerial photographs, detailed property sampling notes collect by SHD, and features on the Property such as large trees, former structure locations, or the driveway for reference, MGI plotted the locations of the previous sampling.



3.0 INVESTIGATION AREAS AND SAMPLING APROACH

All Recognized Environmental Conditions (RECs) at the Site are associated with surface spillage documented in the SHD field visit reports. Oil stains appear to be the focus of much of the sampling location determination and most of the detections occur in the top ten inches of soil. None of the CoCs are volatile nor are they mobile in soil, making the very near surface soil the only medium necessary to sample (zero to ten inches on average, bgs).

The sampling approach for evaluating surface soil will be area-wide sampling focused on the areas where SHD reported viewing oil-stained or fill material, during their February 9, 2005 sampling event.

An evaluation of each of the areas delineated by SHD is the preferred approach where the spatial distribution of potential or suspected soil contamination over an area is uncertain. Consequently, potential sample collection locations will be distributed over the areas shown delineated by SHD's reports to locate any soil that may require cleanup. A statistical analysis of the sampling data will be used to decide whether the areas comply with cleanup levels.

3.1 AREAS PREVIOUSLY IDENTIFIED

MGI demarcated, measured and mapped the areas previously sampled at the Site. The areas were carefully located by comparing historic aerial photographs, tax assessment records, and the SHD February 9, 2005 sampling event data set and associated figure. A total of five functional areas were identified:

- Area A (a square-shaped area near the southwest corner of the Property measuring approximately 2,480 square feet);
- Area B (a square-shaped area near the northwest corner of the Property measuring approximately 2,480 square feet);
- Area C (an east-west oriented rectangle on the southeast quadrant of the Property measuring approximately 4,340 square feet);
- Area D (an east-west oriented rectangle situated north of Area C, measuring approximately 1,705 square feet), and;
- Area E (a north-south oriented rectangle along the eastern Property line measuring approximately 1,395 square feet).

The subsequent sections describe the sampling and analysis methods used for further investigation efforts at the Property.



4.0 SAMPLING METHODOLOGY

Field methods utilized, including sample collection, selected analyses, and documentation procedures, are briefly described in the following subsection.

4.1 SAMPLE LOCATION METHODOLOGY

Figure 2 depicts a grid pattern over the Site Areas. The size of the grid pattern was selected such as to provide sufficient data to gain a clear and statistically significant understanding of the surface soil characteristics. Other criteria in selecting the grid pattern include the fact that SHD visually identified five functional Areas.

The grids on Figure 2 divides the Areas into 80 grids, each individually numbered; the boxes are each approximately 12 by 12 feet. Using a random number generator (Random.org) to generate the 20 soil sampling locations. Location numbers selected are shown in blue (1, 8, 17, 23, 25, 29, 43, 47, 48, 54, 57, 58, 59, 62, 64, 68, 70, 73, 74, 75).

Utilizing surveyed Property boundaries and a measuring wheel, soil samples were collected from the corresponding grids. A surveying flag was labeled and placed at each sampling location. Each soil sample was labeled with a "S" for soil and a number between 1 and 20, which corresponded to the grid number the sample was collected from.

4.2 SAMPLE COLLECTION METHODOLOGY

Surface gravel was removed at each location. After surface gravel was removed from the sample location area, grab soil samples were collected from 6 to 10 inches with a stainless-steel trowel and bowl. The samples were homogenized in a stainless bowl before filling each sample container. All sampling equipment was decontaminated between sample locations. After sample collection, a portion of the soil sample was placed into pre-cleaned laboratory-prepared 4-ounce glass jars with Teflon lids. Soil samples were immediately placed into an ice-filled cooler and transported to OnSite Laboratories in Redmond, Washington under chain-of-custody procedures.

4.3 SAMPLE ANALYSIS METHODOLOGY

Selected soil samples collected were analyzed for those analytes previously detected during screening analysis as part of the SHD sampling event. These analytes include arsenic and lead using analysis for total metals by EPA Method 6010B and hydrocarbon identified by method NWHCID. If detections are reported, additional analyses oil-range petroleum hydrocarbons by NWTPH-Gx, BTEX, or NWTPH-Dx as necessary.



All analyses were performed in accordance with in-house Quality Assurance/Quality Control Plans. Sample analyses were performed in accordance with Ecology analytical methods and guidelines. Samples were analyzed within specified holding times. All detection limits were within method requirements and no factors appeared to adversely affect data quality.



5.0 RESULTS

A total of twenty soil samples were collected and analyzed for HCID, lead (Pb) and cadmium (Cd). MGI used MTCA Table 749-3 as the evaluation criteria for the Site. These values represent soil concentrations that are expected to be protective at any MTCA site and are meant to use in eliminating hazardous substances from further consideration under WAC 173-340-7493(2)(a)(i).

Analytical data results are summarized below (in mg/kg, or parts per million (ppm)); Figure 2 depicts the locations of the samples collected. All samples were collected from approximately six to ten inches below the surface as a vertically-amalgamated soil sample.

Sample ID	Gas	Diesel	Lube	В	T	Е	Χ	Cd	Pb
13	ND	ND	ND	NA	NA	NA	NA	ND	12
16	ND	ND	ND	NA	NA	NA	NA	ND	12
17	ND	ND	ND	NA	NA	NA	NA	ND	37
22	ND	ND	ND	NA	NA	NA	NA	ND	31
23	ND	ND	ND	NA	NA	NA	NA	ND	9.4
28	ND	ND	ND	NA	NA	NA	NA	ND	7.8
47	ND	ND	ND	NA	NA	NA	NA	ND	22
48	ND	ND	ND	NA	NA	NA	NA	ND	22
54	ND	ND	ND	NA	NA	NA	NA	ND	26
43	ND	ND	ND	NA	NA	NA	NA	ND	11
57	ND	120	520	NA	NA	NA	NA	ND	24
58	ND	ND	320	NA	NA	NA	NA	ND	46
59	ND	ND	ND	NA	NA	NA	NA	ND	57
70	ND	ND	ND	NA	NA	NA	NA	ND	18



Sample ID	Gas	Diesel	Lube	В	Т	Е	Х	Cd	Pb
67	ND	ND	ND	NA	NA	NA	NA	ND	ND
64	ND	ND	ND	NA	NA	NA	NA	ND	ND
62	ND	ND	ND	NA	NA	NA	NA	ND	ND
73	ND	ND	ND	NA	NA	NA	NA	ND	27
74	ND	ND	ND	NA	NA	NA	NA	ND	25
75	1,500	410	430	0.11	ND	1.6	16	ND	39
Table 749-3 (lowest ARAR)	100	200	NL	NL	NL	NL	NL	4	50
Table 740-1 MTCA Method A	100	2,000	2,000	0.03	7	6	9	2	250

Notes: Italics denotes detection below actionable level

NL - Denotes no cleanup value assigned for standard

B – Benzene

T – Toluene

E – Ethylbenzene

X – m, o & p Xylenes

ND - Denotes sample was below laboratory's practical quantification limit

Cadmium was not detected above the labs practical quantification limit in any of the samples analyzed. Lead was either not detected above the labs practical quantification limit or below 50 mg/kg in all but one sample; 59 (57 mg/kg).

Laboratory data indicates detectable concentrations of diesel- and/or lube-range petroleum hydrocarbons below screening level criteria in samples 57 and 58. Sample 75 was reported to contain:

- Gasoline- and diesel-range petroleum hydrocarbons above initial screening level criteria;
- Lube-range petroleum hydrocarbons, toluene, and ethylbenzene below applicable benchmarks threshold levels, and;
- Benzene and total xylenes above applicable benchmark threshold levels.



6.0 CONCLUSIONS

Cadmium was not detected in any of the samples analyzed and will be eliminated from further consideration and characterization at this Site.

Only sample 59 reported a concentration above an actionable level. The data point is less than twice the threshold and is considered a statistical outlier. Lead will be eliminated from further consideration and characterization, except in soils containing contaminants linked to the area around sample 75.

Lube-range petroleum hydrocarbons do not exceed the lowest ARAR listed in Table 749-3 can be eliminated from further consideration and characterization, except in soils containing contaminants linked to the area around sample 75.

Laboratory analytical data indicates that soil sample 75 contains 1,500 mg/kg gasoline, 0.11 mg/kg benzene and 16 mg/kg xylenes, all of which exceed cleanup criteria listed in Table 740-1 (Method A Soil Cleanup Levels for Unrestricted Land Uses).



7.0 RECOMMENDATIONS

It is recommended that soil near sample number 75 be vertically and laterally characterized, sampled, and analyzed for gasoline, diesel, lube, and gasoline-related chemical constituents (namely benzene, toluene, ethylbenzene, xylenes, and lead).

Groundwater is expected to be shallow at the Site; less than 15 feet. Generally, the vertical limit will be consistent with the lowest reaches of the seasonal groundwater fluctuations.

After lateral and vertical limits of the contaminants of concern are established, it is recommended that groundwater monitoring wells sufficient to document the overall gradient at the Site, as well as water quality down-slope of area 75, be installed.

Considering the location of the area and overall size of the property, four wells (three to document slope, one down-slope of impacted area) is the minimum number of groundwater monitoring wells MGI can recommend. At minimum, it is recommended that three of these wells be immediately purged, developed, sampled, and analyzed for the contaminants associated with area 75.

Figures should include geologic cross-sections with neighboring and sensitive receptor views (e.g. North Creek).

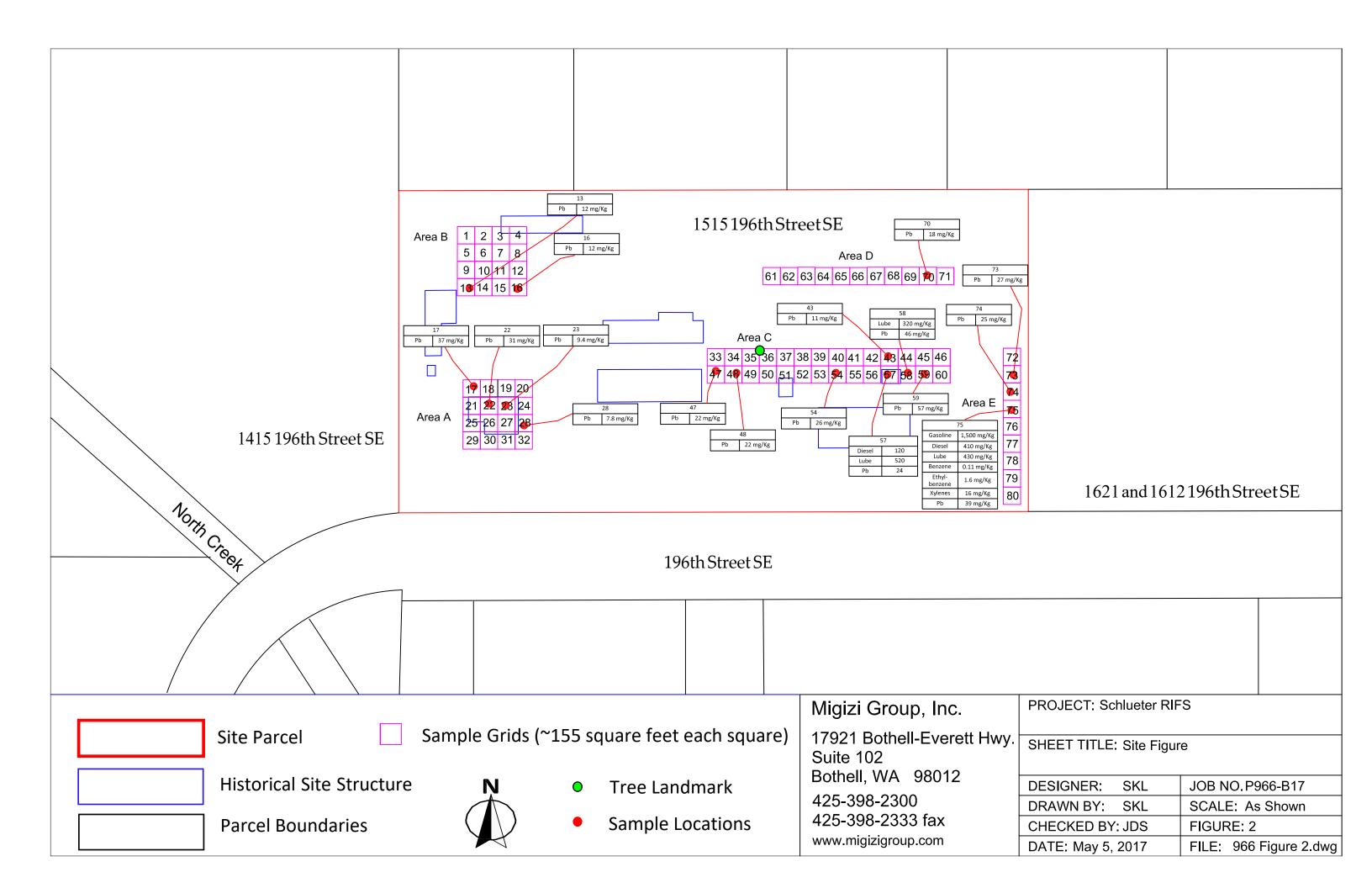
It is recommended that the soil exploration and groundwater quality evaluation be conducted as soon as practicable, per discussions with Ecology on 6 June 2017. We also recommend that this information be submitted with your Voluntary Cleanup Program application, requesting an opinion on the characterization actions taken to-date, as well as that data which will be generated after this report.



FIGURES



MIGIZI GROUP		96th Street othell, WA	Property Loca	tion	1
17921 Bothell-Everett Hwy,	Job Number	Drawn By	Checked By	Approved By	Date
Suite 102, Bothell, WA 425-398-2300	P952-Ó17	SKL	JDS	JDS	May 1Ê2017





APPENDIX A

ANALYTICAL LABORATORY DATA



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 31, 2017

Jason Souza Migizi Group, Inc. 17921 Bothell-Everett Hwy. #102 Bothell, WA 98012

Re: Analytical Data for Project P966-B17 Task 5

Laboratory Reference No. 1705-200

Dear Jason:

Enclosed are the analytical results and associated quality control data for samples submitted on May 15, 2017.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Case Narrative

Samples were collected on May 15, 2017 and received by the laboratory on May 15, 2017. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Method 5035A VOA vials were not provided for sample 75. The sample was therefore extracted from a 4-ounce jar for analysis. Some loss of volatiles may have occurred.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

NWTPH-HCID

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	13			•	•	
Laboratory ID:	05-200-01					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	33	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	66	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	59	50-150				
Client ID:	16					
Laboratory ID:	05-200-02					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	33	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	66	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	79	50-150				
Client ID:	17					
Laboratory ID:	05-200-03					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	31	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	63	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	92	50-150				
Client ID:	22					
Laboratory ID:	05-200-04					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	31	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	63	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	97	50-150				
Client ID.	22					
Client ID:	23					
Laboratory ID:	05-200-05	40	NATRILLICIS	5 47 47	5.40.47	
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-19-17	
Diesel Range Organics	ND	31	NWTPH-HCID	5-17-17	5-19-17	
Lube Oil Range Organics	ND	63	NWTPH-HCID	5-17-17	5-19-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	116	50-150				

NWTPH-HCID

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	28	. ~=	ou		7 11 a. y 20 a	ı iugo
Laboratory ID:	05-200-06					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	29	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	59	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits	-	-		
o-Terphenyl	113	50-150				
Client ID:	47					
Laboratory ID:	05-200-07					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	30	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	61	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	71	50-150				
Client ID:	48					
Laboratory ID:	05-200-08					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	34	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	67	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	85	50-150				
Client ID:	54					
Laboratory ID:	05-200-09					
Gasoline Range Organics	ND	15	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	38	NWTPH-HCID	5-17-17 5-17-17	5-18-17 5-18-17	
Lube Oil Range Organics	ND	76	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits	TWTT TITTOID	0 17 17	0 10 17	
o-Terphenyl	94	50-150				
o respirery.	0.	00 100				
Client ID:	43					
Laboratory ID:	05-200-10					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-19-17	
Diesel Range Organics	ND	30	NWTPH-HCID	5-17-17	5-19-17	
Lube Oil Range Organics	ND	60	NWTPH-HCID	5-17-17	5-19-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	92	50-150				

NWTPH-HCID

Matrix: Soil

Analyta	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Analyte Client ID:	57	PQL	Wethou	Frepareu	Allalyzeu	riays
••	- -					
Laboratory ID:	05-200-11	40	NIM/TDLL LIGID	C 47 47	5 40 47	
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-19-17	
Diesel Range Organics	ND Datastad	31	NWTPH-HCID	5-17-17	5-19-17	
Lube Oil	Detected Page 1971	61	NWTPH-HCID	5-17-17	5-19-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	105	50-150				
Client ID:	58					
Laboratory ID:	05-200-12					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	32	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil	Detected	63	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				
Client ID:	59					
Laboratory ID:	05-200-13					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-19-17	
Diesel Range Organics	ND	30	NWTPH-HCID	5-17-17	5-19-17	
Lube Oil Range Organics	ND	61	NWTPH-HCID	5-17-17	5-19-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				
Client ID:	70					
Laboratory ID:	05-200-14					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	29	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	59	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	111	50-150				
Client ID:	67					
Laboratory ID:	05-200-15					
Gasoline Range Organics	ND	11	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	27	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	55	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				

NWTPH-HCID

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	64			ори. о и	<u>.</u>	<u>g</u> e
Laboratory ID:	05-200-16					
Gasoline Range Organics	ND	11	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	27	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	54	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits	-	-		
o-Terphenyl	100	50-150				
Client ID:	62					
Laboratory ID:	05-200-17					
Gasoline Range Organics	ND	11	NWTPH-HCID	5-17-17	5-19-17	
Diesel Range Organics	ND	29	NWTPH-HCID	5-17-17	5-19-17	
Lube Oil Range Organics	ND	57	NWTPH-HCID	5-17-17	5-19-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	100	50-150				
Client ID:	73					
Laboratory ID:	05-200-18					
Gasoline Range Organics	ND	12	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	31	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	62	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	82	50-150				
Client ID:	74					
Laboratory ID:	05-200-19					
Gasoline Range Organics	ND	13	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	32	NWTPH-HCID	5-17-17 5-17-17	5-18-17 5-18-17	
Lube Oil Range Organics	ND	63	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits	111111111111111111111111111111111111111	0 11 11	0 10 11	
o-Terphenyl	87	50-150				
o respiration.	0.	00 100				
Client ID:	75					
Laboratory ID:	05-200-20					
Gasoline Range Organics	Detected	14	NWTPH-HCID	5-17-17	5-18-17	
Diesel Fuel #2	Detected	35	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil	Detected	69	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				

NWTPH-HCID QUALITY CONTROL

Matrix: Soil

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK				•	•	
Laboratory ID:	MB0517S3					
Gasoline Range Organics	ND	10	NWTPH-HCID	5-17-17	5-18-17	
Diesel Range Organics	ND	25	NWTPH-HCID	5-17-17	5-18-17	
Lube Oil Range Organics	ND	50	NWTPH-HCID	5-17-17	5-18-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenvl	106	50-150				

NWTPH-Gx/BTEX

Matrix: Soil

Units: mg/kg (ppm)

			Date	Date		
Result	PQL	Method	Prepared	Analyzed	Flags	MDL
75						
05-200-20						
0.11	0.16	EPA 8021B	5-23-17	5-23-17	J	0.0047
ND	0.80	EPA 8021B	5-23-17	5-23-17		
1.6	0.80	EPA 8021B	5-23-17	5-23-17		
5.0	0.80	EPA 8021B	5-23-17	5-23-17		
11	0.80	EPA 8021B	5-23-17	5-23-17		
1500	80	NWTPH-Gx	5-23-17	5-23-17	0	
	75 05-200-20 0.11 ND 1.6 5.0	75 05-200-20 0.11 0.16 ND 0.80 1.6 0.80 5.0 0.80 11 0.80	75 05-200-20 0.11 0.16 EPA 8021B ND 0.80 EPA 8021B 1.6 0.80 EPA 8021B 5.0 0.80 EPA 8021B 11 0.80 EPA 8021B	Result PQL Method Prepared 75 05-200-20	75 05-200-20 0.11 0.16 EPA 8021B 5-23-17 5-23-17 ND 0.80 EPA 8021B 5-23-17 5-23-17 1.6 0.80 EPA 8021B 5-23-17 5-23-17 5.0 0.80 EPA 8021B 5-23-17 5-23-17 11 0.80 EPA 8021B 5-23-17 5-23-17	Result PQL Method Prepared Analyzed Flags 75 05-200-20 Flags 5-23-17 5-23-17 5-23-17 J ND 0.80 EPA 8021B 5-23-17 5-23-17 5-23-17 1.6 0.80 EPA 8021B 5-23-17 5-23-17 5.0 0.80 EPA 8021B 5-23-17 5-23-17 11 0.80 EPA 8021B 5-23-17 5-23-17

Surrogate: Percent Recovery Control Limits Fluorobenzene 76 63-124

NWTPH-Gx/BTEX QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

				Date	Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	MDL
METHOD BLANK							
Laboratory ID:	MB0523S1						
Benzene	ND	0.020	EPA 8021B	5-23-17	5-23-17		0.0047
Toluene	ND	0.050	EPA 8021B	5-23-17	5-23-17		
Ethyl Benzene	ND	0.050	EPA 8021B	5-23-17	5-23-17		
m,p-Xylene	ND	0.050	EPA 8021B	5-23-17	5-23-17		
o-Xylene	ND	0.050	EPA 8021B	5-23-17	5-23-17		
Gasoline	ND	5.0	NWTPH-Gx	5-23-17	5-23-17		
Surrogate:	Percent Recovery	Control Limits					

Fluorobenzene 70 63-124

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	05-229-0)2 Comp.									
	ORIG	DUP									
Benzene	ND	ND	NA	NA			NA	NA	NA	30	
Toluene	ND	ND	NA	NA			NA	NA	NA	30	
Ethyl Benzene	ND	ND	NA	NA			NA	NA	NA	30	
m,p-Xylene	ND	ND	NA	NA			NA	NA	NA	30	
o-Xylene	ND	ND	NA	NA			NA	NA	NA	30	
Gasoline	ND	ND	NA	NA			NA	NA	NA	30	
Surrogate:											
Fluorobenzene						66	64	63-124			
SPIKE BLANKS											
Laboratory ID:	SB05	523S1									
	SB	SBD	SB	SBD		SB	SBD				
Benzene	0.751	0.760	1.00	1.00		75	76	70-124	1	12	
Toluene	0.774	0.784	1.00	1.00		77	78	73-119	1	12	
Ethyl Benzene	0.783	0.796	1.00	1.00		78	80	74-117	2	12	
m,p-Xylene	0.788	0.802	1.00	1.00		79	80	75-117	2	13	
o-Xylene	0.785	0.799	1.00	1.00		79	80	75-116	2	12	
Surrogate:											
Fluorobenzene						74	74	63-124			

NWTPH-Dx

Matrix: Soil

0 0 11 7				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	57					
Laboratory ID:	05-200-11					
Diesel Range Organics	120	31	NWTPH-Dx	5-24-17	5-25-17	N
Lube Oil Range Organics	520	61	NWTPH-Dx	5-24-17	5-25-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	93	50-150				
Client ID:	58					
Laboratory ID:	05-200-12					
Diesel Range Organics	ND	55	NWTPH-Dx	5-24-17	5-25-17	U1
Lube Oil Range Organics	320	63	NWTPH-Dx	5-24-17	5-25-17	•
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	60	50-150				
Client ID:	75					
Laboratory ID:	05-200-20					
Diesel Range Organics	410	35	NWTPH-Dx	5-26-17	5-26-17	
Lube Oil Range Organics	430	69	NWTPH-Dx	5-26-17	5-26-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	67	50-150				

NWTPH-Dx QUALITY CONTROL

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0524S2					
Diesel Range Organics	ND	25	NWTPH-Dx	5-24-17	5-25-17	
Lube Oil Range Organics	ND	50	NWTPH-Dx	5-24-17	5-25-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	80	50-150				
Laboratory ID:	MB0526S1					
Diesel Range Organics	ND	25	NWTPH-Dx	5-26-17	5-26-17	
Lube Oil Range Organics	ND	50	NWTPH-Dx	5-26-17	5-26-17	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	86	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Res	Result Spik		Spike Level Result		Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	05-20	00-11								
	ORIG	DUP								
Diesel Range Organics	96.2	29.5	NA	NA		NA	NA	106	NA	
Lube Oil Range Organics	425	191	NA	NA		NA	NA	76	NA	
Surrogate:										
o-Terphenyl						93 52	50-150			
Laboratory ID:	05-27	70-04								
	ORIG	DUP								
Diesel Fuel #2	29.2	ND	NA	NA		NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	NA	NA	NA	
Surrogate: o-Terphenyl						90 91	50-150			

TOTAL METALS EPA 6010C

Matrix: Soil

Office.	mg/kg (ppm)			Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
	05.000.04					
Lab ID: Client ID:	05-200-01 13					
		0.66	60100	E 17 17	E 10 17	
Cadmium	ND	0.66	6010C	5-17-17	5-18-17	
Lead	12	6.6	6010C	5-17-17	5-18-17	
Lab ID:	05-200-02					
Client ID:	16					
Cadmium	ND	0.66	6010C	5-17-17	5-18-17	
Lead	12	6.6	6010C	5-17-17	5-18-17	
Lab ID:	05-200-03					
Client ID:	17					
Cadmium	ND	0.63	6010C	5-17-17	5-18-17	
Lead	37	6.3	6010C	5-17-17	5-18-17	
Lab ID:	05-200-04					
Client ID:	22					
Cadmium	ND	0.63	6010C	5-17-17	5-18-17	
Lead	31	6.3	6010C	5-17-17	5-18-17	
Lab ID:	05-200-05					
Client ID:	23					
Cadmium	ND	0.63	6010C	5-17-17	5-18-17	
Lead	9.4	6.3	6010C	5-17-17	5-18-17	
Lab ID:	05-200-06					
Client ID:	28					
Cadmium	ND	0.59	6010C	5-17-17	5-18-17	
Lead	7.8	5.9	6010C	5-17-17	5-18-17	

TOTAL METALS EPA 6010C

Matrix: Soil

Onits.	тід/кд (ррті)			Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	05-200-07	i QL	LI A Metriou	Теригеи	Analyzea	riugs
Client ID:	47					
Cadmium	ND	0.61	6010C	5-17-17	5-18-17	
Lead	22	6.1	6010C	5-17-17	5-18-17	
Lab ID:	05-200-08					
Client ID:	48					
Cadmium	ND	0.67	6010C	5-17-17	5-18-17	
Lead	22	6.7	6010C	5-17-17	5-18-17	
Lab ID:	05-200-09					
Client ID:	54					
Cadmium	ND	0.76	6010C	5-17-17	5-18-17	
Lead	26	7.6	6010C	5-17-17	5-18-17	
Lab ID: Client ID:	05-200-10 43					
Cadmium	ND	0.6	6010C	5-17-17	5-18-17	
Lead	11	6.0	6010C	5-17-17	5-18-17	
Lab ID: Client ID:	05-200-11 57					
Cadmium	ND	0.61	6010C	5-17-17	5-18-17	
Lead	24	6.1	6010C	5-17-17	5-18-17	
Lab ID: Client ID:	05-200-12 58					
Cadmium	ND	0.63	6010C	5-17-17	5-18-17	
Lead	46	6.3	6010C	5-17-17	5-18-17	

TOTAL METALS EPA 6010C

Matrix: Soil

Result	PQL	CDA Mathad	Date	Date	
		EPA Method	Prepared	Analyzed	Flags
05.000.40					
05-200-13 59					
	0.61	60100	F 17 17	F 10 17	
57	6.1	6010C	5-17-17	5-18-17	
05-200-14					
70					
ND	0.59	6010C	5-17-17	5-18-17	
18	5.9	6010C	5-17-17	5-18-17	
05-200-15					
67					
ND	0.55	6010C	5-17-17	5-18-17	
ND	5.5	6010C	5-17-17	5-18-17	
05 200 40					
	0.54	6010C	5-17-17	5-17-17	
ND	5.4	6010C	5-17-17	5-17-17	
05 200 47					
ND	0.57	6010C	5-17-17	5-18-17	
ND	5.7	6010C	5-17-17	5-18-17	
05-200-18					
	0.62	6010C	5-17-17	5-18-17	
	70 ND 18 05-200-15 67 ND ND 05-200-16 64 ND ND 05-200-17 62 ND ND	57 6.1 05-200-14 70 ND 0.59 18 5.9 05-200-15 67 ND 0.55 ND 5.5 05-200-16 64 ND 0.54 ND 5.4 05-200-17 62 ND 0.57 ND 5.7 05-200-18 73 ND 0.62	57 6.1 6010C 05-200-14 70 ND 0.59 6010C 18 5.9 6010C 05-200-15 67 ND 0.55 6010C ND 5.5 6010C 05-200-16 64 ND 0.54 6010C ND 5.4 6010C 05-200-17 62 ND 0.57 6010C 05-200-18 73 ND 0.62 6010C	57 6.1 6010C 5-17-17 05-200-14 70 ND 0.59 6010C 5-17-17 18 5.9 6010C 5-17-17 05-200-15 67 ND 0.55 6010C 5-17-17 ND 5.5 6010C 5-17-17 05-200-16 64 ND 0.54 6010C 5-17-17 ND 5.4 6010C 5-17-17 05-200-17 62 ND 0.57 6010C 5-17-17 ND 5.7 6010C 5-17-17 05-200-18 73 ND 0.62 6010C 5-17-17	57 6.1 6010C 5-17-17 5-18-17 05-200-14 70 70 ND 0.59 6010C 5-17-17 5-18-17 18 5.9 6010C 5-17-17 5-18-17 05-200-15 67 67 6010C 5-17-17 5-18-17 ND 5.5 6010C 5-17-17 5-18-17 05-200-16 64 64 64 ND 5.4 6010C 5-17-17 5-17-17 ND 5.4 6010C 5-17-17 5-17-17 05-200-17 62 ND 0.57 6010C 5-17-17 5-18-17 ND 5.7 6010C 5-17-17 5-18-17 05-200-18 73 73 0.62 6010C 5-17-17 5-18-17

TOTAL METALS EPA 6010C

Matrix: Soil

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	05-200-19					
Client ID:	74					
Cadmium	ND	0.63	6010C	5-17-17	5-18-17	
Lead	25	6.3	6010C	5-17-17	5-18-17	
Lab ID:	05 000 00					
Lab ID:	05-200-20					
Client ID:	75					
Cadmium	ND	0.69	6010C	5-17-17	5-18-17	
Lead	39	6.9	6010C	5-17-17	5-18-17	

TOTAL METALS EPA 6010C METHOD BLANK QUALITY CONTROL

Date Extracted: 5-17-17
Date Analyzed: 5-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB0517SM1

Analyte	Method	Result	PQL
Cadmium	6010C	ND	0.50
Lead	6010C	ND	5.0

TOTAL METALS EPA 6010C DUPLICATE QUALITY CONTROL

Date Extracted: 5-17-17
Date Analyzed: 5-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-200-16

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Cadmium	ND	ND ND		0.50	
Lead	ND	ND	NA	5.0	

TOTAL METALS EPA 6010C MS/MSD QUALITY CONTROL

Date Extracted: 5-17-17
Date Analyzed: 5-17-17

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-200-16

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Cadmium	50.0	46.8	94	47.1	94	1	
Lead	250	239	96	241	96	1	

% MOISTURE

Date Analyzed: 5-17-17

Client ID	Lab ID	% Moisture
13	05-200-01	25
16	05-200-02	24
17	05-200-03	20
22	05-200-04	20
23	05-200-05	20
28	05-200-06	15
47	05-200-07	17
48	05-200-08	26
54	05-200-09	34
43	05-200-10	17
57	05-200-11	18
58	05-200-12	21
59	05-200-13	18
70	05-200-14	15
67	05-200-15	9
64	05-200-16	8
62	05-200-17	12
73	05-200-18	20
74	05-200-19	21
75	05-200-20	28



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____.
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

7 -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





Chain of Custody

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	Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 43	7 54	8 A8	2 4	6 28	\$ 73	4 22	2 (7	2 16	- 13	Lab ID Sample Identification	Sampled by: UDS/SK)	Project Manager:	SCHUCTURE SCHUCTURE	Project Number PRISO-BIT TASK	MIGIZI GROUP		Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052
	Reviewed/Date					1860 V	N.a. I.	Company	V 1245 V	1237	1730	1225	1208	1204	1154	1152	N-IN-I	S 5h114/s/s	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days) (TPH analysis 5 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request (in working days)
						0091 L1/SIK	5/15/17 1800	Date Time	7	*	*	×	×	*	κ.	*	4	*	NWTF NWTF NWTF Volatil Halog	PH-Dx ([es 8260 enated	Acid	/ SG Cl	,			Laboratory Number:
Childham Shanna with illian report Figuriality para paintaignes (Fp. 2)	Electronic Data Deliverables (EDDs)	Data Package: Standard					@Added 5/23/17. DB (8TA)	Comments/Special Instructions	×	×	*	*	*	*	×	*	*	*	Semiv (with I PAHs PCBs Organ Organ Chlori Total I TCLP	solatiles ow-leve 8270D/ 8082A ochlorin ophosp nated A RCRA M MTCA M Metals	8270D/I PAHs) SIM (love Pestite Pestit Pestite Pestite Pestite Pestite Pestite Pestite Pestite Pestite	v-level) cides 8 Pesticide bicides	081B es 8270	D/SIM		er: 05-200



Chain of Custody

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Haviewar/ Date	Deviation of Date	Relinquished	Received	Relinquished	Received	Relinquished	Signature	24 00	まる	24 31	17 62	16 64	43 87	M 10	13 59	12 18	74	Lab ID Sample Identification	Sampled by:	Project manager:	Project Name:	Project Number P966-817 185	COMPANY: MIGIZI GROUP, INC	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com
וופאופאמי/ המיפ	Double of 10th				N QR	12W	Company	() 1837 U	1450	1445		1476	1402	1335	1317	1310	5/15/17 1258 5 1	Date Time Book Sampled Sampled Matrix Nu		ontain	Standard (7 Days) (TPH analysis 5 Days)		Same	(in working days)
				,	5/15/11/6	2) 4/2/15	Date Time	X W	X	×	×	+	*	-4	*	(X)	× &	NWTPH-HCID NWTPH-Gx/BTEX NWTPH-Gx NWTPH-Dx (Acid / SG Clean-up) Volatiles 8260C						Laboratory Nur
Chromatograms with final report Electronic Data Deliverables (EDDs)	evel				(0)	900	e Comments/Special Instructions	K	¥2	×	×	*	*	*	*	*	X	Haloge EDB EF Semivc (with lo PAHs 8 PCBs 8 Organo Chlorin Total R Total M	Volatiles 8260C Halogenated Volatiles 8260C EDB EPA 8011 (Waters Only) Semivolatiles 8270D/SIM (with low-level PAHs) PAHs 8270D/SIM (low-level) PCBs 8082A Organochlorine Pesticides 8081B Organophosphorus Pesticides 8270D/SIM Chlorinated Acid Herbicides 8151A Total RCRA Metals Total MTCA Metals TCLP Metals HEM (oil and grease) 1664A					umber: 05-200