



June 2021
Parcel 14



Data Report and Cleanup Plan Parcel 14 Slag Removal

Prepared for Port of Tacoma

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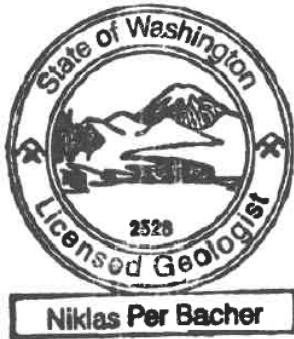
Data Report and Cleanup Plan Parcel 14 Slag Removal

Prepared for
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CERTIFICATION

This report was prepared by the staff of Anchor QEA, LLC, under the supervision of the Geologist whose seal and signature appears hereon, as required by Chapter 308-15-075 of the Washington Administrative Code (WAC).



A handwritten signature in black ink, appearing to read "Niklas Per Bacher", is written to the right of the professional seal.

Niklas P. Bacher, LG
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ABBREVIATIONS

ASARCO	American Smelting and Refining Company
Cleanup Plan	Data Report and Cleanup Plan
cy	cubic yards
Ecology	Washington State Department of Ecology
GPS	Global Positioning System
Habitat Project	Lower Wapato Creek Habitat Project
LRI	Land Resources, Inc.
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act
PAH	polycyclic aromatic hydrocarbon
Port	Port of Tacoma
Property	Parcel 14 property
Site	Parcel 14 contaminated site areas
SPLP	synthetic precipitation leaching procedure
TCLP	toxicity characteristic leaching procedure
UCL	upper-confidence limit
WAC	Washington Administrative Code

1 Introduction

This Data Report and Cleanup Plan (Cleanup Plan) summarizes the cleanup plan to be implemented to remove localized deposits of American Smelting and Refining Company, LLC (ASARCO) slag from the Parcel 14 property (Property) contaminated site areas (Site) of the Port of Tacoma (Port).

Parcel 14 is located at 1131 Alexander Avenue in Tacoma, east of Wapato Creek and south of Highway 509 (Figure 1). The Property is currently vacant and is owned by the Port. Parcel 14 is being developed as a habitat enhancement area known as the Lower Wapato Creek Habitat Project (Habitat Project). The development of the Habitat Project is scheduled for completion during summer and fall of 2021.

As described in Section 3, limited areas of ASARCO slag and associated arsenic-contaminated soils have been identified in soils located in the eastern portion of Parcel 14. ASARCO slag is known to contain concentrations of arsenic that exceed applicable Model Toxics Control Act (MTCA) cleanup levels. It has a characteristic appearance and composition. Once the Port discovered the presence of slag at the Site, the Port retained Anchor QEA, LLC (Anchor QEA) to delineate the extent of the slag and associated contaminated soils and to develop this Cleanup Plan.

The extent of soils impacted by slag and associated arsenic contamination areas have been delineated laterally and vertically. Soils that contain slag or that contain arsenic at concentrations exceeding MTCA Method A cleanup levels for unrestricted uses (20 milligrams per kilogram [mg/kg]) are to be removed and disposed of at a commercial landfill.

This Cleanup Plan is proposed for implementation during summer of 2021 prior to implementation of Habitat Project construction activities within the Site. The methods to be used for implementation of the Cleanup Plan are described in Section 4.

2 Background

This section describes previous environmental testing and cleanup work implemented at Parcel 14 prior to discovery of the slag materials that are the subject of this Cleanup Plan.

2.1 2010 Site Investigation

In 2010, GeoEngineers, Inc., completed a hydrogeologic and environmental investigation of subsurface conditions at Parcel 14. The subsurface investigation at Parcel 14 was completed in cooperation with Grette Associates and the Port. That study supported design and permitting for the Habitat Project (GeoEngineers 2010).

The investigation included excavation of test pits, the drilling of nine borings, the installation of four piezometers, soil analytical testing, and the installation of water level monitoring equipment.

GeoEngineers excavated 27 test pits throughout Parcel 14, evaluated soil types, and conducted analytical testing of selected soil samples. Soil samples were tested for heavy metals, semivolatile organic compounds, polychlorinated biphenyls, pesticides, herbicides, and petroleum.

All soil testing data complied with applicable MTCA Method A or B cleanup levels except for arsenic. Out of 24 soil samples tested for arsenic, two samples exceeded the MTCA Method A soil cleanup level (20 mg/kg) for unrestricted land use.

Based on this sampling effort, GeoEngineers concluded that arsenic-contaminated soil within the fill unit appeared to be isolated to the northeast portion of the site and that the source of the arsenic-contaminated soil appears to be related to slag in that area of the fill soil.

2.2 2014 Soil Testing

In 2014, Anchor QEA, LLC, conducted an additional sampling effort (Anchor QEA 2014) to expand on the GeoEngineers study. This testing was focused on delineating areas of arsenic-impacted soil in the northeastern portion of Parcel 14, specifically in the areas previously identified by GeoEngineers.

Arsenic testing was performed on 30 individual soil samples and two duplicate samples. Measured arsenic concentrations in the soil samples ranged from 6 to 95 mg/kg. Leaching tests (using the synthetic precipitation leaching procedure [SPLP]) demonstrated that the arsenic in the impacted soils was not leachable.

Data from this study were pooled with data previously collected by GeoEngineers (2010) to evaluate compliance with the soil cleanup level for unrestricted land uses. In the combined dataset, soil arsenic concentrations in 4 of 54 soil samples exceeded compliance with the MTCA Method A cleanup level applicable to unrestricted land uses (20 mg/kg). This included two samples collected by GeoEngineers and two samples collected by Anchor QEA.

2.3 2014 Soil Removal

During 2014, the Port implemented the removal of the arsenic-impacted soils. SPLP testing was also conducted to evaluate the potential for arsenic in soil to leach into stormwater or groundwater (Anchor QEA 2014). None of the eight soil samples tested contained detectable arsenic in the SPLP leachate, demonstrating that arsenic in soil is not a potential source of stormwater or groundwater contamination.

All impacted soils exceeding the MTCA Method A cleanup level (totaling 943 tons) were removed and managed by disposal in an off-site commercial landfill. Following soil removal, data analysis to evaluate compliance with MTCA requirements demonstrated that soil quality at the Site complied with MTCA Method A soil cleanup levels for arsenic applicable to unrestricted uses (20 mg/kg).

During April of 2015, the Washington State Department of Ecology (Ecology) issued a No Further Action Letter for Parcel 14.

2.4 2021 Discovery of Additional Slag Materials

In advance of the Habitat Project work, the Port conducted extensive shallow soil sampling throughout Parcel 14 to characterize materials planned for off-site reuse (Port, 2021). The testing was focused on the upper 4 inches of the surface soil layer containing plant litter and organic material mixed with soil (duff). Testing was performed at 25 uniformly distributed locations selected throughout Parcel 14. Sampling locations were selected using the Point Dispersion tool in ArcMap 10.6.1.

Collected duff samples were analyzed for heavy metals, petroleum, and polycyclic aromatic hydrocarbons (PAH). Duff testing results are provided in Table 1 and Figure 2. None of the testing parameters exceeded MTCA Method A cleanup levels for unrestricted land uses, except for arsenic, which was detected at elevated levels in samples from the eastern portion of Parcel 14.

The Port geologist observed slag in soils directly beneath duff material at some of the locations that also contained elevated arsenic concentrations. Follow-up testing documented the presence of arsenic in subsurface soils underlying the duff material at two of these locations (Table 2).

In response to the detected slag materials and associated arsenic contamination, the Port retained Anchor QEA to conduct supplemental soil testing, delineate the areas and depths of slag and associated arsenic contamination in soils, and define a cleanup plan to be implemented in advance of Habitat Project construction activities. The results of the soil testing program are described in Section 3, and the cleanup plan is described in Section 4.

3 Nature and Extent of Contamination

This section describes the nature and extent of soil contamination at the Site. The testing program used test pits and hand auger borings to first assess the vertical and horizontal distribution of slag at the Site. Chemical testing was then used to confirm the horizontal and vertical boundaries of arsenic-contaminated soil surrounding the slag.

Soil testing results described in this section were developed as part of four different sampling events:

- Initial Port soils survey as reported May 7, 2021 (25 testing locations; 25 duff material and 8 underlying soil samples analyzed)
- Test pit investigation performed May 14 and 17, 2021 (42 test pit locations; 45 samples analyzed)
- Test pit investigation performed June 1, 2021 (33 test pit locations; 42 samples analyzed)
- Hand auger testing performed June 11, 2021 (1 additional location tested and analyzed)

3.1 Extent of Impacted Duff Material

As described in Section 2.3, the Port sampled duff material 0 to 4 inches at 25 locations throughout the site. Figure 2 shows the areas of duff that exceeded the MTCA Method A cleanup levels based on this testing.

Data analysis procedures were performed as required under Washington Administrative Code (WAC) 173-340-740(7)(d). Contaminated areas that exceeded Method A cleanup level (20 mg/kg) are those represented by samples S-18, 19, and 24 (Figure 2). The MTCA Method A cleanup level is based on natural background soil concentrations (WAC 173-340-900, Table 740-1).

The 95-percent upper-confidence limit (UCL; calculated using MTCASat-97) of the remaining 22 sample areas was 9.9 mg/kg arsenic, well below the MTCA Method A cleanup level for unrestricted land use (20 mg/kg). As required by WAC 173-340-740(7)(d), none of these remaining duff samples exceeded the cleanup level by two times, and no more than 10% of individual samples exceeded the cleanup levels.

The average concentration of the remaining duff materials (represented by the 22 samples of remaining duff materials outside of areas S-18, S-19, and S-24) was 6.1 mg/kg, which is less than Ecology's estimate (7.3 mg/kg) of the natural background concentration of arsenic in Puget Sound soils (Ecology, 1994).

3.2 Extent of Impacted Soils

The extent of impacted soils beneath the duff layer was determined during three follow-up investigations. The first two investigations were performed using backhoe-excavated test pits. The third investigation was performed using a hand auger at one follow-up testing location. Results of

this round of testing provided an initial delineation of the lateral and vertical limits of slag and also of arsenic-contaminated soil associated with the slag.

The first test round of test pit sampling was performed on May 14 and May 17 and included testing locations determined using a uniform sampling grid. Two rounds of follow-up testing were then used to delineate the extent and depth of visible slag materials and to collect soil bounding samples for analytical testing. The testing program was tiered using the following procedures:

- If visible slag was present, the soils containing slag were assumed to be contaminated. Analytical testing was then performed on underlying soils to define the clean soil horizon, and additional test pits were sampled in adjacent areas as necessary to define the lateral limits of the contaminated soil.
- If no visible slag was present, then samples were collected and analyzed for arsenic. Samples were collected at multiple intervals and archived. If arsenic contamination was detected, then the underlying archived samples were analyzed as necessary to define the clean soil horizon.
- On June 11, hand auger sampling was used to collect soil samples from one additional area to refine the lateral limits of contamination.

The results of soil testing are summarized in Figure 3 and Tables 3 and 4. Field sampling observations, including locations, presence of slag and slag observed depth, and sample IDs are provided in Appendix B. Laboratory data packages from Analytical Resources, Inc. (located in Tukwila, Washington) are provided in Appendix C.

Table 3 summarizes the testing results for those test pits in uncontaminated areas. These soils did not contain any visible slag, and the results of testing documented compliance with MTCA Method A cleanup levels. The 95-percent UCL (calculated using MTCASat-97) of the 27 samples collected from these uncontaminated areas was 7.1 mg/kg arsenic, which is well below the MTCA Method A cleanup level for unrestricted land use (20 mg/kg). As required by WAC 173-340-740(7)(d) and (e), none of these samples exceeded the cleanup level by two times, and no more than 10% of individual samples exceeded the cleanup levels.

The average arsenic concentration of the Table 3 soils was 5.5 mg/kg. This is less than Ecology's estimate (7.3 mg/kg) of the natural background concentration of arsenic in Puget Sound soils (Ecology, 1994).

The soils containing slag or elevated arsenic concentrations were then fully delineated laterally and vertically. Results of that delineation sampling are shown in Table 4. In all there were 57 samples used to delineate the area of contamination. The 95-percent UCL (calculated using MTCASat-97) for the 57 side and bottom samples was 6.4 mg/kg.

The average arsenic concentration at the limits of the planned excavation is 5.3 mg/kg. This is less than Ecology's estimate (7.3 mg/kg) of the natural background concentration of arsenic in Puget Sound soils (Ecology, 1994).

3.3 Results of TCLP Testing

Toxicity characteristic leaching procedure (TCLP) testing was performed on two samples using Method 6010D to verify that the arsenic concentrations do not exceed criteria for landfill disposal (limit of 5 milligrams per liter in TCLP leachate). Concentrations of all TCLP metals were below method reporting limits in both samples (Table 5).

3.4 Results of SPLP Testing

Leachability testing was performed on two soil samples using the SPLP test method applicable to the western United States. The test method assesses the potential for rainwater to leach arsenic from the soil.

SPLP testing results are summarized in Table 5. Arsenic concentrations in the leachate from both soil samples were below method detection limits, indicating that the arsenic is tightly bound to soil.

4 Cleanup Plan

This section summarizes the proposed cleanup to be performed for the soils containing ASARCO slag and elevated arsenic concentrations. The work is planned for completion during summer of 2021, with the work phased prior to initiation of Habitat Project activities within the Site.

4.1 Contaminated Duff and Soil Removal

Contaminated duff and soil will be removed from the Site at the locations and depths shown in Figure 4. The lateral and vertical limits of soil removal have been verified by prior soil testing as summarized in Table 4.

A total of 8,000 cubic yards; estimated weight of 12,000 tons) of soils are planned for removal from the areas shown in Figure 4. The soils will be excavated, placed directly into trucks, and hauled to the Land Resources, Inc. (LRI) landfill in Graham, Washington, for disposal as non-hazardous material. The soils will be disposed under a Waste Disposal Authorization issued by the Pierce County Health Department.

Contaminated soil removal activities will be completed in summer 2021 by the Port's selected contractor. Soil excavations will be visually monitored to verify that there are no slag materials present beyond the planned limits of the excavations as described in Section 4.3.

4.2 Stormwater Protection Measures

As noted in Section 3.4, leachability testing confirms that the arsenic in the contaminated soil is not leachable and does not pose a threat to groundwater or stormwater if soil particulates are not entrained in runoff.

The Port's contractor will comply with applicable requirements of the construction stormwater general permit during the soil cleanup. Additional stormwater management practices will be followed to ensure that arsenic contamination is released to stormwater during the soil cleanup, including the following:

- All cleanup work will be performed during dry weather months.
- Each soil cleanup area will be isolated from other Habitat Project activities until removal of the arsenic-contaminated soil from that area has been completed.
- Contaminated soils will be direct loaded into trucks for off-site disposal at LRI.
- No on-site stockpiling of contaminated soils will be performed.
- Any precipitation contacting contaminated soils will be retained on site within the work area (i.e., within the excavation areas) and managed by infiltration; no runoff from these areas to other Site areas will be permitted until the contaminated soil removal has been completed.

4.3 Performance Monitoring

Soil removal will be overseen by the Port's construction management team. The lateral and vertical limits of the planned excavation have been pre-defined by intensive soil sampling as summarized in Table 4 and Figure 4. No additional analytical testing is required, provided that no slag materials are observed beyond the planned limits of the excavation.

If slag is encountered beyond the planned horizontal or vertical limits of the excavation, then a supplemental soil removal will be performed in this area, and additional sidewall and bottom samples will be collected at the limits of the supplemental excavation.

The lateral limits of excavation and the locations of any supplemental soil testing will be field verified by Global Positioning System (GPS), and the vertical limits will be measured by a measuring tape.

4.4 Completion of Work

Contaminated soil removal will be considered complete when the following has been accomplished:

- Soil removal has extended to the planned lateral and vertical limits of excavation as shown in Figure 4.
- If additional slag materials are encountered beyond the planned limits of excavation, these materials have been removed and clean sidewall and bottom samples have been collected and analyzed to verify that all contaminated material was removed.

Once removal of the contaminated soil has been completed in a given work area, that area will be released for performance of other Habit Project construction activities.

4.5 Reporting

Following completion of soil removal activities, the Port will prepare a Completion Report documenting all work performed. The report will be submitted to Ecology's Toxics Cleanup Program as an Independent Cleanup Action.

Following submittal of the Completion Report to Ecology, the Port anticipates submitting a request for review of the work under Ecology's Voluntary Cleanup Program.

5 References

Anchor QEA, 2014. Re: Completion Report – Removal of Arsenic Impacted Soil Habitat Enhancement Project – 1131 East Alexander Avenue, Tacoma, 98424 Environmental Incident Reporting System ID (ERTS) #649884. October 20, 2014.

Ecology, 1994. Natural Background Soil Metals Concentrations in Washington State. Ecology Publication No. 94-115. Prepared October, 1994.

GeoEngineers (GeoEngineers, Inc.), 2010. *Site Investigation, Port of Tacoma Parcel 14, Tacoma, Washington*. File No. 0454-094-15. December 6, 2010.

Port (Port of Tacoma), 2021. *Lower Wapato Creek Habitat Site Shallow Soil Sampling and Results*. Port of Tacoma – Facilities Development. May 7, 2021.

TPCHD (Tacoma Pierce County Health Department), 2020. *Waste Disposal Authorization Application*. Available online at:
<https://www.tpchd.org/home/showpublisheddocument/946/637436342126170000>

Tables

Table 1
Arsenic Distribution in Duff Material

Impacted Area Samples	Port Sample ID	Analytical Results for Total Arsenic (mg/kg)
Duff Samples from Impacted Areas (To Be Removed for Landfill Disposal)	S-18	34.2
	S-19	45.4
	S-24	52.4

Non-Impacted Area Samples	Port Sample ID	Analytical Results for Total Arsenic (mg/kg)
Duff Samples from Non-Impacted Areas ¹	S-1	3.0
	S-2	<2.5
	S-3	3.4
	S-4	4.6
	S-5	3.1
	S-6	<2.5
	S-7	2.8
	S-8	2.8
	S-9	6.1
	S-10	3.2
	S-11	<2.5
	S-12	<2.5
	S-13	<2.5
	S-14	7.6
	S-15	<2.5
	S-16	18.6
	S-17	2.8
	S-20	18.4
	S-21	11.0
	S-22	6.5
	S-23	3.5
	S-25	28.4
	No. of Samples	22
	Mean	6.1 mg/kg ²
	95% UCL ^{1,3}	9.9 mg/kg

Notes:

mg/kg: milligram per kilogram

MTCA: Model Toxics Control Act

UCL: upper confidence limit

Refer to Figure 1 for sample locations.

All samples were collected April 2, 2021, from depths of 0 to 4 inches below ground surface (within the duff layer).

1. Under MTCA, compliance with the cleanup standard is met when the 95% UCL is less than the cleanup level, provided that no more than 10% of the individual samples exceed the cleanup level and no single sample exceeds the cleanup level by more than two times [WAC 173-340-740(7)(d) and (e)]. The MTCA Method A cleanup level for arsenic is 20 mg/kg. These duff materials are to be reused on Port property.

2. Calculated value is less than Ecology's estimate of natural background soil concentrations for arsenic in the Puget Sound Basin, which is 7.3 mg/kg (Ecology Publication No. 94-115).

3. The 95% UCL was determined using MTCA Stat 97.

Table 2
Results of Follow-up Soil Arsenic Testing Performed by the Port

Port Station ID	Sample Depth (inches bgs)	Analytical Results for Total Arsenic (mg/kg)
S-18	5-10	10.8
	11-22	15.4
S-19	5-10	21.5 ¹
	11-22	40.0 ¹
S-24	5-10	23.8 ¹
	11-22	16.8
S-25	5-10	5.8
	11-22	2.8

Notes:

bgs: below ground surface

mg/kg: milligram per kilogram

MTCA: Model Toxics Control Act

All samples were collected May 10, 2021. Refer to Figure 1 for sample locations.

1. Value exceeds the MTCA Method A cleanup level of 20 mg/kg. Soil removal is to be conducted in this area.

Table 3
Results of Soil Testing in Areas Free of Slag or Arsenic Impacts

Sample Station	Sample Date	Sample Depth (inches bgs)	Arsenic Concentration (mg/kg)
S-26	5/14/2021	5-10	2.2
S-27	5/14/2021	5-10	18
S-28	5/14/2021	5-10	2.1
S-29	5/14/2021	5-10	6.0
S-30	5/14/2021	5-10	1.7
S-32	5/14/2021	5-10	3.9
S-33	5/14/2021	5-10	6.7
S-34	5/14/2021	5-10	8.4
S-35	5/14/2021	5-10	4.2
S-39	5/14/2021	5-10	4.2
S-40	5/14/2021	5-10	7.7
S-43	5/14/2021	5-10	8.5
S-44	5/14/2021	5-10	16
S-45	5/14/2021	5-10	1.7
S-50	5/14/2021	5-10	5.3
S-51	5/14/2021	5-10	4.7
S-52	5/14/2021	5-10	1.5
S-55	5/17/2021	5-10	2.8
S-56	5/17/2021	5-10	4.4
S-57	5/17/2021	5-10	3.8
S-61	5/17/2021	5-10	2.9
S-62	5/17/2021	5-10	2.2
S-63	5/17/2021	5-10	5.6
S-64	5/17/2021	5-10	6.1
S-65	5/17/2021	5-10	2.9
S-78	6/1/2021	5-10	5.8
	6/1/2021	18-24	8.6
Summary Statistics		No. of Samples	27
		Average	5.5 mg/kg²
		95% UCL^{1,3}	7.1 mg/kg

Notes:

bgs: below ground surface

mg/kg: milligram per kilogram

MTCA: Model Toxics Control Act

UCL: upper confidence limit

Refer to Figure 3 for sample locations.

1. Under MTCA, compliance with the cleanup standard is met when the 95% UCL is less than the cleanup level, provided that no more than 10% of the individual samples exceed the cleanup level and no single sample exceeds the cleanup level by more than two times [WAC 173-340-740(7)(d) and (e)]. The MTCA Method A cleanup level is 20 mg/kg for arsenic.

2. Calculated value is less than Ecology's estimate of natural background soil concentrations for arsenic in the Puget Sound Basin, which is 7.3 mg/kg (Ecology Publication No. 94-115).

3. The 95% UCL was determined using MTCA Stat 97.

Table 4
Lateral and Vertical Delineation of Arsenic Contaminated Soils

Sample Type	Sample Station	Sample Date	Sample Depth (inches bgs)	Arsenic Concentration (mg/kg)
Soils to be Removed Along With Slag	S-41	5/14/2021	5-10	29
	S-66	5/17/2021	5-10	57
	S-67	5/17/2021	5-10	38
	S-83	6/1/2021	21	85

Sample Type	Sample Station	Sample Date	Sample Depth (inches bgs)	Arsenic Concentration (mg/kg)
Samples Defining Clean Soil at Lateral Limits of Contaminated Area	S-68	6/1/2021	27	3.1
	S-69	6/1/2021	27	7.2
	S-70	6/1/2021	21	6.8
	S-71	6/1/2021	21	3.0
	S-72	6/1/2021	21	1.6
	S-73	6/1/2021	21	3.2
	S-74	6/1/2021	21	1.8
	S-75	6/1/2021	21	7.5
	S-80	6/1/2021	5-10	15
		6/1/2021	18-24	15
	S-82	6/1/2021	21	11
	S-84	6/1/2021	12	7.1
	S-86	6/1/2021	12	12
	S-87	6/1/2021	12	3.9
	S-88	6/1/2021	15	4.6
	S-89	6/1/2021	15	8.0
	S-91	6/1/2021	15	1.4
	S-93	6/1/2021	15	1.8
	S-94	6/1/2021	15	1.8
	S-95	6/1/2021	15	1.5
	S-96	6/1/2021	18	2.3
	S-97	6/1/2021	5-10	3.6
		6/1/2021	18-24	10
	S-98	6/1/2021	5-10	8.3
		6/1/2021	18-24	4.6
	S-99	6/1/2021	5-10	7.4
		6/1/2021	18-24	14
	S-100	6/1/2021	5-10	4.0
		6/1/2021	18-24	2.5
	S-101	6/1/2021	15	7.8
S-102	6/1/2021	15	3.2	
S-103	6/1/2021	21	1.7	
S-104	6/1/2021	12	2.6	

Table 4
Lateral and Vertical Delineation of Arsenic Contaminated Soils

Sample Type	Sample Station	Sample Date	Sample Depth (inches bgs)	Arsenic Concentration (mg/kg)
Samples Defining Clean Soil Horizon Beneath Contaminated Soil	S-31	5/14/2021	48-54	6.6
	S-36	5/14/2021	36-42	3.4
	S-37	5/14/2021	36-42	16
	S-38	5/14/2021	28-34	5.2
	S-41	6/1/2021	18-24	1.9
		5/14/2021	30-36	3.0
	S-42	5/14/2021	18-24	2.0
	S-46	5/14/2021	24-30	1.4
	S-47	5/14/2021	26-32	3.6
	S-48	5/14/2021	28-34	8.2
	S-49	5/14/2021	24-30	1.8
	S-53	5/14/2021	19-25	4.32
	S-54	5/17/2021	41-47	17
	S-58	5/17/2021	24-30	2.3
	S-59	5/17/2021	41-47	6.3
	S-60	5/17/2021	40-46	7.2
	S-66	5/17/2021	30-36	2.0
	S-66	6/1/2021	18-24	2.1
	S-67	5/17/2021	30-36	4.9
	S-67	6/1/2021	18-24	1.9
S-76	6/1/2021	21	2.8	
S-77	6/1/2021	18	2.4	
S-79	6/1/2021	36-40	3.1	
Summary Statistics for Delineation Samples	Summary Statistics		No. of Samples	57
			Average	5.3 mg/kg²
			95% UCL^{1,3}	6.4 mg/kg

Notes:

bgs: below ground surface

mg/kg: milligram per kilogram

MTCA: Model Toxics Control Act

UCL: Upper confidence limit

Analytical Method: 6020B

* Sample represents soil to be removed and was not included in summary statistics.

1. Under MTCA, compliance with the cleanup standard is met when the 95% UCL is less than the cleanup level, provided that no more than 10% of the individual samples exceed the cleanup level and no single sample exceeds the cleanup level by more than two times [WAC 173-340-740(7)(d) and (e)]. The MTCA Method A cleanup level for arsenic is 20 mg/kg.

2. Calculated value is less than Ecology's estimate of natural background soil concentrations for arsenic in the Puget Sound Basin, which is 7.3 mg/kg (Ecology Publication No. 94-115).

3. The 95% UCL was determined using MTCA Stat 97.

Table 5
TCLP and SPLP Testing Results

Sample Station	Sample Date	Sample Depth (inches bgs)	TCLP Arsenic Concentration (mg/L)	SPLP Arsenic Concentration (mg/L)
			TCLP and Method 6010D	SPLP West and Method 6010D
S-41 ¹	5/14/2021	5-10	< 0.060	< 0.060
S-66 ¹	5/17/2021	5-10	< 0.060	< 0.060

Notes:

bgs: below ground surface

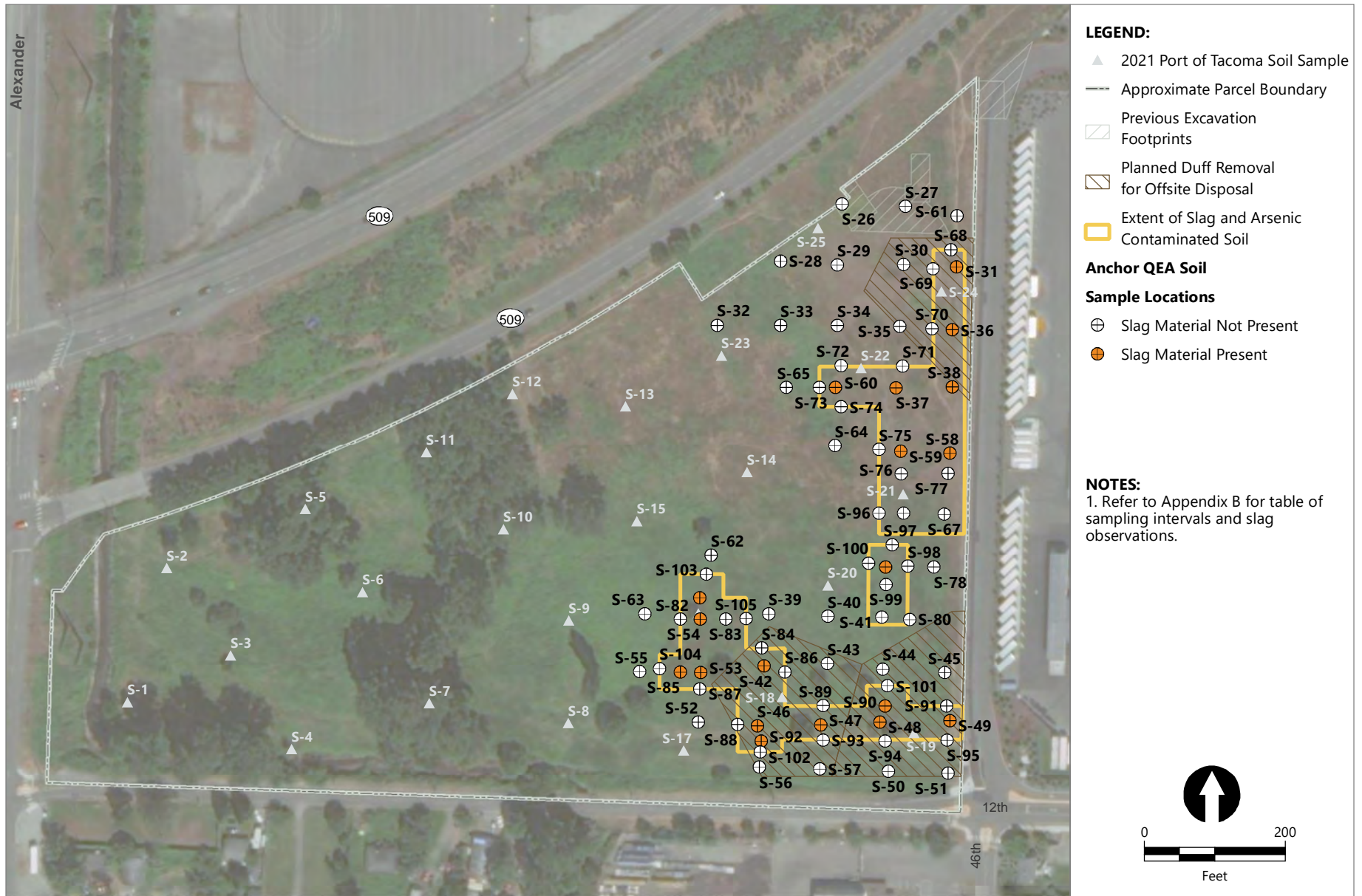
mg/L: milligram per liter

SPLP: synthetic precipitation leaching procedure (simulates exposure to rain water)

TCLP: toxicity characteristic leaching procedure (simulates exposure to municipal landfill leachate)

1. Soils represented by these samples will be removed for off-site landfill disposal.

Figures



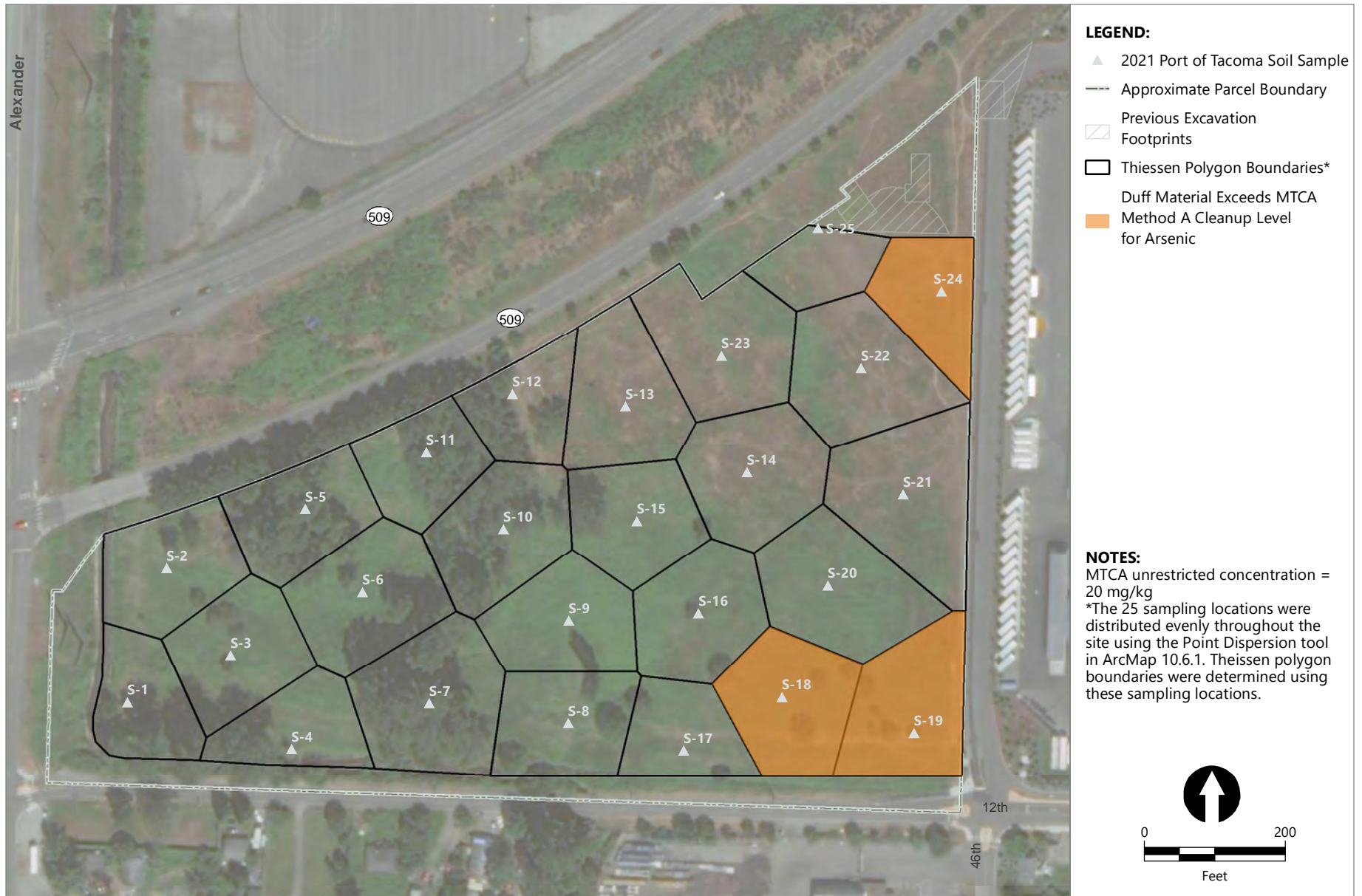
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Filepath: \\orcas\GIS\Jobs\Port_of_Tacoma_0092\Parcel_14_Sampling\Maps\Parcel14_SoilInvestigation\DataReport\Figure1_PoT_Parcel14Soil_Investigation.mxd



Figure 1
Site Overview

Parcel 14 Data Report and Cleanup Plan
Port of Tacoma

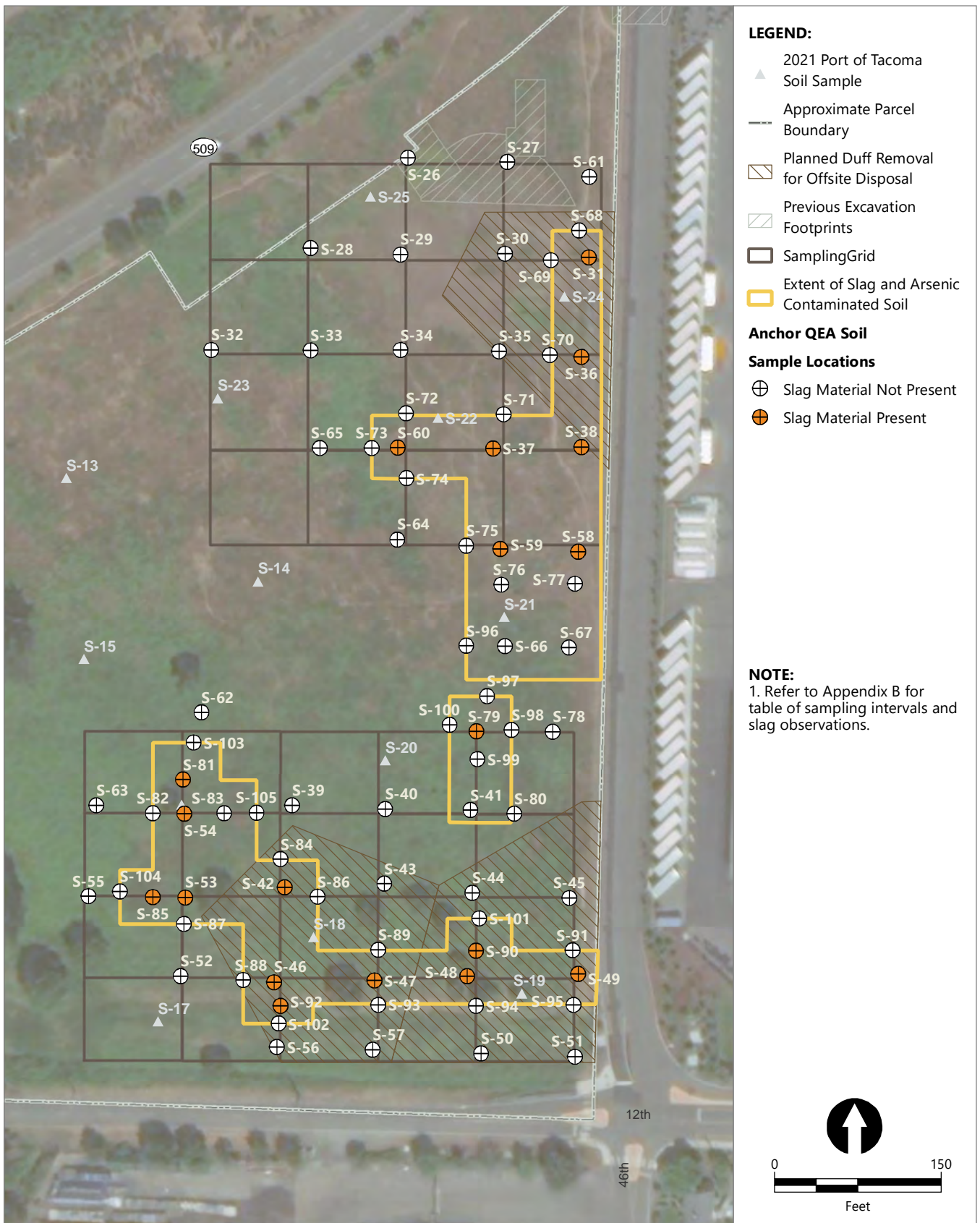


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Figure 2
Extent of Arsenic Contamination in Duff Material

Parcel 14 Data Report and Cleanup Plan
 Port of Tacoma

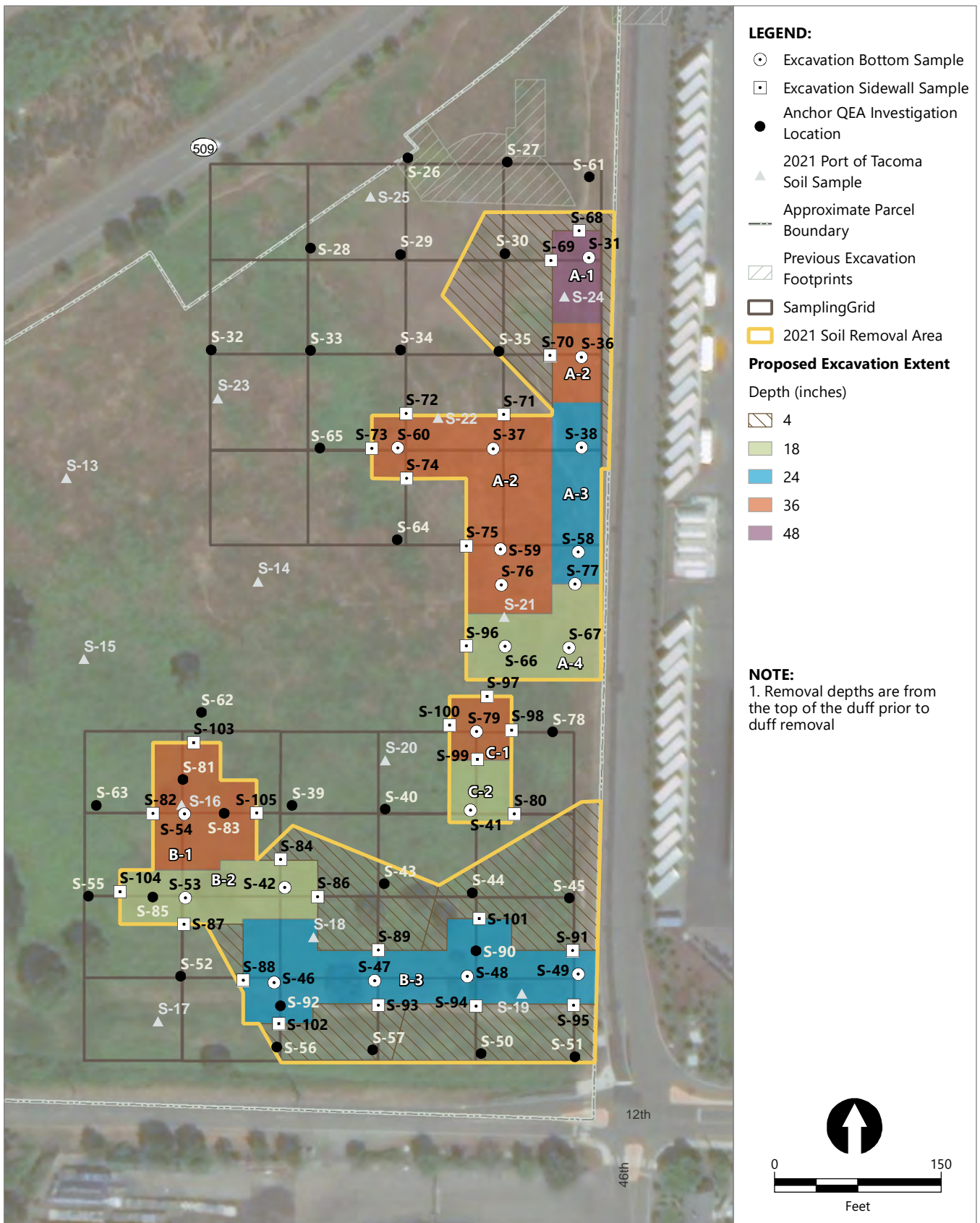


Publish Date: 2021/06/17, 10:25 AM | User: jsfox
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Figure 3
Extent of Slag and Arsenic Contamination in Soil

Parcel 14 Data Report and Cleanup Plan
 Port of Tacoma



Publish Date: 2021/06/17, 10:27 AM | User: jsofx
 Filepath: \\orcas\GIS\Jobs\Port_of_Tacoma_0092\Parcel_14_Sampling\Maps\Parcel14_SoilInvestigation\DataReport\Figure4_PoT_Parcel14Soil_ExcavationDetails.mxd



Figure 4
Proposed Cleanup Plan
 Parcel 14 Data Report and Cleanup Plan
 Port of Tacoma

Appendix A

Analytical Testing Data from Port Duff and Soil Sampling Effort

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

P.O.#: 071389
 Project: LWCHS
 Client ID: S-1
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 1

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	58.1*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	3.0	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	34.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	14.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	6.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.027	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	79	NWTPH-Dx

SPECTRA LABORATORIES

Marie Holt
 Marie Holt, Customer Support & Proj. Manager
 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

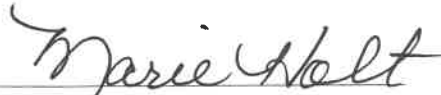
P.O.#: 071389
 Project: LWCHS
 Client ID: S-2
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 2

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	50.4*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	14.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	2.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	81	NWTPH-Dx

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04/15/2021

Port of Tacoma
 PO Box 1837
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P.O.#: 071389
 Project: LWCHS
 Client ID: S-3
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 3

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	<50.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	3.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	30.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	8.0	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.029	mg/Kg	SW846 7471B	SCJ	04/06/2021

**Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	80	NWTPH-Dx

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 PO Box 1837
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 Attn: Stanley Sasser

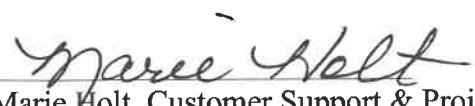
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 Project: LWCHS
 Client ID: S-4
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 4

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	14.8	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	113.3*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	4.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	50.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	15.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	9.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.047	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	80	NWTPH-Dx

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04/15/2021

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P.O.#: 071389
 Project: LWCHS
 Client ID: S-5
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 5

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	135.8*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	3.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	24.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	11.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	11.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.044	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	80	NWTPH-Dx

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P.O.#: 071389
 Project: LWCHS
 Client ID: S-6
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 6

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	65.7*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	12.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	89	NWTPH-Dx

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 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

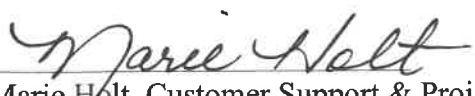
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 Client ID: S-7
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 7

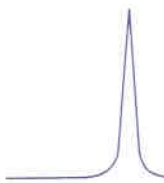
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EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	124.5*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	2.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	41.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	14.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	7.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.037	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	90	NWTPH-Dx

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 a5/stb



04/15/2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401
Attn: Stanley Sasser

P.O.#: 071389
Project: LWCHS
Client ID: S-8
Sample Matrix: Soil
Date Sampled: 04/02/2021
Date Received: 04/02/2021
Spectra Project: 2021040037
Spectra Number: 8

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	60.6*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	2.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	30.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	15.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	3.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.026	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	78	NWTPH-Dx

SPECTRA LABORATORIES

Marie Holt, Customer Support & Proj. Manager
a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser


P.O.#: 071389
 Project: LWCHS
 Client ID: S-9
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 9

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	73.6*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	6.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	22.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	5.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	82	NWTPH-Dx

SPECTRA LABORATORIES


 Marie Holt, Customer Support & Proj. Manager
 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

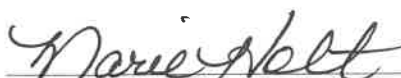
P.O.#: 071389
 Project: LWCHS
 Client ID: S-10
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 10

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	15.5	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Oil	284.8*	mg/Kg	NWTPH-Dx	DCW	04/07/2021
Total Arsenic	3.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	14.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	97	NWTPH-Dx

SPECTRA LABORATORIES


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04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

P.O.#: 071389
 Project: LWCHS
 Client ID: S-11
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 11

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	99.0*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	12.9	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	9.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	2.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.040	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	75	NWTPH-Dx

SPECTRA LABORATORIES



Marie Holt, Customer Support & Proj. Manager
 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

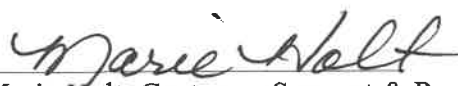
P.O.#: 071389
 Project: LWCHS
 Client ID: S-12
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 12

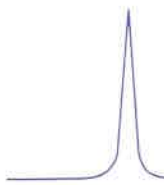
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date</u>	
				<u>Analyst</u>	<u>Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	<50.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	10.9	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	11.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

**Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	87	NWTPH-Dx

SPECTRA LABORATORIES


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Tacoma, WA 98401
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P.O.#: 071389
Project: LWCHS
Client ID: S-13
Sample Matrix: Soil
Date Sampled: 04/02/2021
Date Received: 04/02/2021
Spectra Project: 2021040037
Spectra Number: 13

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	59.1*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	14.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	14.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	72	NWTPH-Dx

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04/15/2021

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 Attn: Stanley Sasser


P.O.#: 071389
 Project: LWCHS
 Client ID: S-14
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 14

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	75.0*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	7.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	14.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	15.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	2.9	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	78	NWTPH-Dx

SPECTRA LABORATORIES


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04/15/2021

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P.O.#: 071389
 Project: LWCHS
 Client ID: S-15
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 15

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	60.7*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	10.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	10.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	86	NWTPH-Dx

SPECTRA LABORATORIES


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04/15/2021

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 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

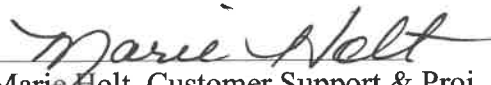
P.O.#: 071389
 Project: LWCHS
 Client ID: S-16
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 16

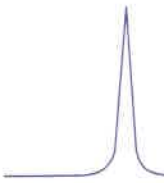
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	73.6*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	18.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	20.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	1.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	14.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	7.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.026	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	83	NWTPH-Dx

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04/15/2021

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Attn: Stanley Sasser

P.O.#: 071389
Project: LWCHS
Client ID: S-17
Sample Matrix: Soil
Date Sampled: 04/02/2021
Date Received: 04/02/2021
Spectra Project: 2021040037
Spectra Number: 17

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	<50.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	2.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	34.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	13.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	5.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.026	mg/Kg	SW846 7471B	SCJ	04/06/2021

**Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	87	NWTPH-Dx

SPECTRA LABORATORIES

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a5/stb

04/15/2021

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 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser


P.O.#: 071389
 Project: LWCHS
 Client ID: S-18
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 18

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	59.8*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	34.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	19.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	15.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	12.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	79	NWTPH-Dx

SPECTRA LABORATORIES


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 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

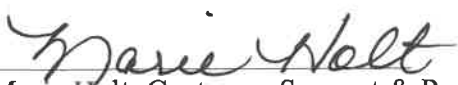
P.O.#: 071389
 Project: LWCHS
 Client ID: S-19
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 19

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	64.3*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	45.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	19.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	0.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	9.0	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	80	NWTPH-Dx

SPECTRA LABORATORIES


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04/15/2021

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 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

P.O.#: 071389
 Project: LWCHS
 Client ID: S-20
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 20

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	<50.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	18.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	12.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	11.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	5.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

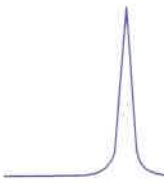
**Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	72	NWTPH-Dx

SPECTRA LABORATORIES



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 a5/stb



04/15/2021

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PO Box 1837
Tacoma, WA 98401
Attn: Stanley Sasser

P.O.#: 071389
Project: LWCHS
Client ID: S-21
Sample Matrix: Soil
Date Sampled: 04/02/2021
Date Received: 04/02/2021
Spectra Project: 2021040037
Spectra Number: 21

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	<50.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	11.0	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	13.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	0.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	12.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	6.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

**Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	79	NWTPH-Dx

SPECTRA LABORATORIES

Marie Holt
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a5/stb

04/15/2021

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 Tacoma, WA 98401
 Attn: Stanley Sasser


P.O.#: 071389
 Project: LWCHS
 Client ID: S-22
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 22

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	54.9*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	6.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	16.1	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	15.0	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	88	NWTPH-Dx

SPECTRA LABORATORIES


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 a5/stb

04/15/2021

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 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser


P.O.#: 071389
 Project: LWCHS
 Client ID: S-23
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 23

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	94.0*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	3.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	15.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	14.6	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	81	NWTPH-Dx

SPECTRA LABORATORIES


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 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

P.O.#: 071389
 Project: LWCHS
 Client ID: S-24
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 24

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	217.0*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	52.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	16.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	0.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	16.8	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	18.2	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	0.027	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	83	NWTPH-Dx

SPECTRA LABORATORIES


 Marie Holt, Customer Support & Proj. Manager
 a5/stb

04/15/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401
 Attn: Stanley Sasser

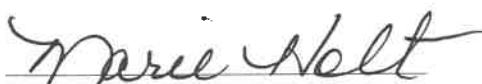
P.O.#: 071389
 Project: LWCHS
 Client ID: S-25
 Sample Matrix: Soil
 Date Sampled: 04/02/2021
 Date Received: 04/02/2021
 Spectra Project: 2021040037
 Spectra Number: 25

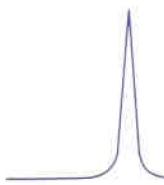
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Analyzed</u>
EPA 8270 PAH/PNA	**			SUB	04/12/2021
Diesel	<10.0	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Oil	106.2*	mg/Kg	NWTPH-Dx	DCW	04/08/2021
Total Arsenic	28.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Barium	14.4	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Cadmium	< 0.3	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Chromium	10.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Lead	8.9	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Selenium	< 2.5	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Silver	< 0.7	mg/Kg	SW846 6010D	SCJ	04/06/2021
Total Mercury	< 0.025	mg/Kg	SW846 7471B	SCJ	04/06/2021

* Sample contains heavy oil range organics that do not resemble heavy oil reference pattern. Sample was quantified using heavy oil range response. **Analyzed by Fremont Analytical. See complete report attached.

<u>Surrogate</u>	<u>% Recovery</u>	<u>Method</u>
p-Terphenyl	82	NWTPH-Dx

SPECTRA LABORATORIES


 Marie Holt, Customer Support & Proj. Manager
 a5/stb



April 15, 2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401
Attn: Stanley Sasser

Method: NWTPH-Dx
Sample Matrix: Soil
Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra # 1-10

NWTPH-Dx ANALYSIS QUALITY CONTROL RESULTS

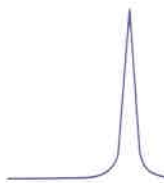
BLANK SPIKE (LCS)

Date Extracted:	4/5/2021	Date Analyzed:	4/7/2021
	Spike Amount	Spike Amount	Percent Recovery
<u>Compound</u>	<u>Added</u>	<u>Found</u>	
Diesel	125	111.1	89%

METHOD BLANK

Date Extracted:	4/5/2021	Date Analyzed:	4/7/2021
Diesel	<10.0		
Heavy Oil	<50.0		
Surrogate Recovery:			
p-Terphenyl	91%		

Surrogate Recovery Limits: 50 -150%



April 15, 2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401
Attn: Stanley Sasser

Method: NWTPH-Dx
Sample Matrix: Soil
Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra # 11-19

**NWTPH-Dx ANALYSIS
QUALITY CONTROL RESULTS**

BLANK SPIKE (LCS)

Date Extracted:	4/7/2021	Date Analyzed:	4/8/2021
<u>Compound</u>	<u>Spike Amount Added</u>	<u>Spike Amount Found</u>	<u>Percent Recovery</u>
Diesel	125	109.2	87%

METHOD BLANK

Date Extracted:	4/7/2021	Date Analyzed:	4/8/2021
Diesel	<10.0		
Heavy Oil	<50.0		
Surrogate Recovery:			
p-Terphenyl	87%		

Surrogate Recovery Limits: 50 -150%

April 15, 2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401
Attn: Stanley SasserMethod: NWTPH-Dx
Sample Matrix: Soil
Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra # 20-25**NWTPH-Dx ANALYSIS
QUALITY CONTROL RESULTS****BLANK SPIKE (LCS)**

Date Extracted:	4/7/2021	Date Analyzed:			4/8/2021	
	Spike Amount	Spike Amount	Percent Recovery	Dup. Spike Amount	Percent Recovery	<u>RPD</u>
<u>Compound</u>	<u>Added</u>	<u>Found</u>		<u>Found</u>		
Diesel	125	105.4	84%	99.50	80%	5.8

METHOD BLANK

Date Extracted:	4/7/2021	Date Analyzed:	4/8/2021
Diesel	<10.0		
Heavy Oil	<50.0		
Surrogate Recovery:			
p-Terphenyl	85%		

Surrogate Recovery Limits: 50 -150%

4/6/2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401

Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra #'s: 1-15
Analyst: SCJ

QUALITY CONTROL RESULTS
ICP Metals SW846 6010D - Soil/Solid

Method Blank

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Element	Blank Result
Arsenic	< 2.5
Barium	< 0.2
Cadmium	< 0.3
Chromium	< 0.7
Lead	< 2.5
Selenium	< 2.5
Silver	< 0.7

Laboratory Control Sample (LCS)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Element	Spike Addition	LCS Conc.	LCS %Rec
Arsenic	200.0	202.0	101.0
Barium	200.0	199.8	99.9
Cadmium	200.0	195.7	97.9
Chromium	200.0	204.3	102.2
Lead	200.0	194.1	97.1
Selenium	200.0	194.3	97.2
Silver	200.0	195.7	97.9

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021
Sample Spiked: 2021040037-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Arsenic	6.0	200.0	202.5	98.3	202.1	98.1	0.2
Barium	68.4	200.0	218.3	75.0	216.0	73.8	1.5
Cadmium	0.0	200.0	194.0	97.0	190.8	95.4	1.7
Chromium	28.2	200.0	226.7	99.3	225.2	98.5	0.8
Lead	12.6	200.0	185.2	86.3	184.3	85.9	0.5
Selenium	0.0	200.0	189.1	94.6	189.0	94.5	0.1
Silver	0.0	200.0	171.8	85.9	171.5	85.8	0.2

Recovery Limits 75-125%

RPD Limit 20

Comments:

4/6/2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401

Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra #'s: 16-25
Analyst: SCJ

QUALITY CONTROL RESULTS
ICP Metals SW846 6010D - Soil/Solid

Method Blank

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Element	Blank Result
Arsenic	< 2.5
Barium	< 0.2
Cadmium	< 0.3
Chromium	< 0.7
Lead	< 2.5
Selenium	< 2.5
Silver	< 0.7

Laboratory Control Sample (LCS)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Element	Spike Addition	LCS Conc.	LCS %Rec
Arsenic	200.0	200.3	100.2
Barium	200.0	196.8	98.4
Cadmium	200.0	189.9	95.0
Chromium	200.0	208.3	104.2
Lead	200.0	191.9	96.0
Selenium	200.0	193.1	96.6
Silver	200.0	191.2	95.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021
Sample Spiked: 2021030651-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Arsenic	0.0	200.0	202.5	101.3	202.1	101.1	0.2
Barium	18.2	200.0	218.3	100.1	216.0	98.9	1.2
Cadmium	0.0	200.0	194.0	97.0	190.8	95.4	1.7
Chromium	27.5	200.0	226.7	99.6	225.2	98.9	0.8
Lead	0.0	200.0	185.2	92.6	184.3	92.2	0.5
Selenium	0.0	200.0	189.1	94.6	189.0	94.5	0.1
Silver	0.0	200.0	171.8	85.9	171.5	85.8	0.2

Recovery Limits 75-125%

RPD Limit 20

Comments:

April 6, 2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401

Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra #'s: 1-15
Analyst: SCJ

QUALITY CONTROL RESULTS

Mercury by Cold Vapor - SW846 7471B - Soil/Solid

Method Blank (MBLK)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

	CAS #	Result
Mercury	7439-97-6	< 0.025

Laboratory Control Spike (LCS)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

	Spike Added	LCS Conc.	LCS %Rec
Mercury	2.0	2.05	102.5

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Sample Spiked: 2021030651-1

	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Mercury	0.32	2.0	2.08	88.3	2.09	88.4	0.2

Recovery Limits 75-125%

RPD Limit 20

SPECTRA LABORATORIES

April 6, 2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401

Units: mg/Kg
Spectra Project: 2021040037
Applies to Spectra #'s: 16-25
Analyst: SCJ

QUALITY CONTROL RESULTS

Mercury by Cold Vapor - SW846 7471B - Soil/Solid

Method Blank (MBLK)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

	CAS #	Result
Mercury	7439-97-6	< 0.025

Laboratory Control Spike (LCS)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

	Spike Added	LCS Conc.	LCS %Rec
Mercury	2.0	1.99	99.6

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 4/6/2021 Date Analyzed: 4/6/2021

Sample Spiked: 2021040037-16

	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc.	MSD %Rec	RPD
Mercury	0.52	2.0	2.47	97.5	2.45	96.6	0.9

Recovery Limits 75-125%

RPD Limit 20

SPECTRA LABORATORIES



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Spectra Laboratories

Marie Holt
2221 Ross Way
Tacoma, WA 98421

RE: 2021040037
Work Order Number: 2104069

April 15, 2021

Attention Marie Holt:

Fremont Analytical, Inc. received 25 sample(s) on 4/6/2021 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original

www.fremontanalytical.com

CLIENT: Spectra Laboratories
Project: 2021040037
Work Order: 2104069

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2104069-001	040037-1	04/02/2021 1:50 PM	04/06/2021 9:32 AM
2104069-002	040037-2	04/02/2021 1:39 PM	04/06/2021 9:32 AM
2104069-003	040037-3	04/02/2021 1:30 PM	04/06/2021 9:32 AM
2104069-004	040037-4	04/02/2021 1:20 PM	04/06/2021 9:32 AM
2104069-005	040037-5	04/02/2021 1:09 PM	04/06/2021 9:32 AM
2104069-006	040037-6	04/02/2021 12:55 PM	04/06/2021 9:32 AM
2104069-007	040037-7	04/02/2021 12:45 PM	04/06/2021 9:32 AM
2104069-008	040037-8	04/02/2021 12:37 PM	04/06/2021 9:32 AM
2104069-009	040037-9	04/02/2021 12:29 PM	04/06/2021 9:32 AM
2104069-010	040037-10	04/02/2021 12:20 PM	04/06/2021 9:32 AM
2104069-011	040037-11	04/02/2021 12:11 PM	04/06/2021 9:32 AM
2104069-012	040037-12	04/02/2021 12:02 PM	04/06/2021 9:32 AM
2104069-013	040037-13	04/02/2021 11:55 AM	04/06/2021 9:32 AM
2104069-014	040037-14	04/02/2021 11:45 AM	04/06/2021 9:32 AM
2104069-015	040037-15	04/02/2021 11:08 AM	04/06/2021 9:32 AM
2104069-016	040037-16	04/02/2021 10:59 AM	04/06/2021 9:32 AM
2104069-017	040037-17	04/02/2021 10:51 AM	04/06/2021 9:32 AM
2104069-018	040037-18	04/02/2021 10:42 AM	04/06/2021 9:32 AM
2104069-019	040037-19	04/02/2021 10:34 AM	04/06/2021 9:32 AM
2104069-020	040037-20	04/02/2021 10:25 AM	04/06/2021 9:32 AM
2104069-021	040037-21	04/02/2021 10:18 AM	04/06/2021 9:32 AM
2104069-022	040037-22	04/02/2021 10:07 AM	04/06/2021 9:32 AM
2104069-023	040037-23	04/02/2021 9:59 AM	04/06/2021 9:32 AM
2104069-024	040037-24	04/02/2021 9:36 AM	04/06/2021 9:32 AM
2104069-025	040037-25	04/02/2021 9:49 AM	04/06/2021 9:32 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned



CLIENT: Spectra Laboratories
Project: 2021040037

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.



Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Spectra Laboratories

Collection Date: 4/2/2021 1:50:00 PM

Project: 2021040037

Lab ID: 2104069-001

Matrix: Soil

Client Sample ID: 040037-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
2-Methylnaphthalene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
1-Methylnaphthalene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Acenaphthylene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Acenaphthene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Fluorene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Phenanthrene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Anthracene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Fluoranthene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Pyrene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Benz(a)anthracene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Chrysene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Benzo(b)fluoranthene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Benzo(k)fluoranthene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Benzo(a)pyrene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Indeno(1,2,3-cd)pyrene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Dibenz(a,h)anthracene	ND	52.3		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Benzo(g,h,i)perylene	ND	26.1		µg/Kg-dry	1	4/12/2021 9:46:31 AM
Surr: 2-Fluorobiphenyl	51.9	19 - 135		%Rec	1	4/12/2021 9:46:31 AM
Surr: Terphenyl-d14 (surr)	85.3	42.9 - 156		%Rec	1	4/12/2021 9:46:31 AM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	29.0	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 1:39:00 PM

Project: 2021040037

Lab ID: 2104069-002

Matrix: Soil

Client Sample ID: 040037-2

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
2-Methylnaphthalene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
1-Methylnaphthalene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Acenaphthylene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Acenaphthene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Fluorene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Phenanthrene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Anthracene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Fluoranthene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Pyrene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Benz(a)anthracene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Chrysene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Benzo(b)fluoranthene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Benzo(k)fluoranthene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Benzo(a)pyrene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Indeno(1,2,3-cd)pyrene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Dibenz(a,h)anthracene	ND	46.6		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Benzo(g,h,i)perylene	ND	23.3		µg/Kg-dry	1	4/12/2021 10:07:40 AM
Surr: 2-Fluorobiphenyl	50.7	19 - 135		%Rec	1	4/12/2021 10:07:40 AM
Surr: Terphenyl-d14 (surr)	72.5	42.9 - 156		%Rec	1	4/12/2021 10:07:40 AM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	18.8	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 1:30:00 PM

Project: 2021040037

Lab ID: 2104069-003

Matrix: Soil

Client Sample ID: 040037-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
2-Methylnaphthalene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
1-Methylnaphthalene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Acenaphthylene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Acenaphthene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Fluorene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Phenanthrene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Anthracene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Fluoranthene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Pyrene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Benz(a)anthracene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Chrysene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Benzo(b)fluoranthene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Benzo(k)fluoranthene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Benzo(a)pyrene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Indeno(1,2,3-cd)pyrene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Dibenz(a,h)anthracene	ND	54.4		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Benzo(g,h,i)perylene	ND	27.2		µg/Kg-dry	1	4/12/2021 11:11:02 AM
Surr: 2-Fluorobiphenyl	50.0	19 - 135		%Rec	1	4/12/2021 11:11:02 AM
Surr: Terphenyl-d14 (surr)	71.3	42.9 - 156		%Rec	1	4/12/2021 11:11:02 AM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	31.2	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 1:20:00 PM

Project: 2021040037

Lab ID: 2104069-004

Matrix: Soil

Client Sample ID: 040037-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
2-Methylnaphthalene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
1-Methylnaphthalene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Acenaphthylene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Acenaphthene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Fluorene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Phenanthrene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Anthracene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Fluoranthene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Pyrene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Benz(a)anthracene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Chrysene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Benzo(b)fluoranthene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Benzo(k)fluoranthene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Benzo(a)pyrene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Indeno(1,2,3-cd)pyrene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Dibenz(a,h)anthracene	ND	48.8		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Benzo(g,h,i)perylene	ND	24.4		µg/Kg-dry	1	4/12/2021 11:32:11 AM
Surr: 2-Fluorobiphenyl	61.2	19 - 135		%Rec	1	4/12/2021 11:32:11 AM
Surr: Terphenyl-d14 (surr)	84.1	42.9 - 156		%Rec	1	4/12/2021 11:32:11 AM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	31.0	0.500		wt%	1	4/8/2021 4:17:18 PM
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Analytical Report

Work Order: 2104069

Date Reported: 4/15/2021

Client: Spectra Laboratories

Collection Date: 4/2/2021 1:09:00 PM

Project: 2021040037

Lab ID: 2104069-005

Matrix: Soil

Client Sample ID: 040037-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
2-Methylnaphthalene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
1-Methylnaphthalene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Acenaphthylene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Acenaphthene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Fluorene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Phenanthrene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Anthracene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Fluoranthene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Pyrene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Benz(a)anthracene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Chrysene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Benzo(b)fluoranthene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Benzo(k)fluoranthene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Benzo(a)pyrene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Indeno(1,2,3-cd)pyrene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Dibenz(a,h)anthracene	ND	57.1		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Benzo(g,h,i)perylene	ND	28.5		µg/Kg-dry	1	4/12/2021 11:53:18 AM
Surr: 2-Fluorobiphenyl	49.8	19 - 135		%Rec	1	4/12/2021 11:53:18 AM
Surr: Terphenyl-d14 (surr)	86.7	42.9 - 156		%Rec	1	4/12/2021 11:53:18 AM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	30.1	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:55:00 PM

Project: 2021040037

Lab ID: 2104069-006

Matrix: Soil

Client Sample ID: 040037-6

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
2-Methylnaphthalene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
1-Methylnaphthalene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Acenaphthylene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Acenaphthene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Fluorene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Phenanthrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Anthracene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Fluoranthene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Pyrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Benz(a)anthracene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Chrysene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Benzo(b)fluoranthene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Benzo(k)fluoranthene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Benzo(a)pyrene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Indeno(1,2,3-cd)pyrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Dibenz(a,h)anthracene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Benzo(g,h,i)perylene	ND	21.7		µg/Kg-dry	1	4/12/2021 12:14:32 PM
Surr: 2-Fluorobiphenyl	55.4	19 - 135		%Rec	1	4/12/2021 12:14:32 PM
Surr: Terphenyl-d14 (surr)	80.2	42.9 - 156		%Rec	1	4/12/2021 12:14:32 PM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	22.9	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:45:00 PM

Project: 2021040037

Lab ID: 2104069-007

Matrix: Soil

Client Sample ID: 040037-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
2-Methylnaphthalene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
1-Methylnaphthalene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Acenaphthylene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Acenaphthene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Fluorene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Phenanthrene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Anthracene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Fluoranthene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Pyrene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Benz(a)anthracene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Chrysene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Benzo(b)fluoranthene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Benzo(k)fluoranthene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Benzo(a)pyrene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Indeno(1,2,3-cd)pyrene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Dibenz(a,h)anthracene	ND	49.6		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Benzo(g,h,i)perylene	ND	24.8		µg/Kg-dry	1	4/12/2021 12:35:42 PM
Surr: 2-Fluorobiphenyl	52.0	19 - 135		%Rec	1	4/12/2021 12:35:42 PM
Surr: Terphenyl-d14 (surr)	77.7	42.9 - 156		%Rec	1	4/12/2021 12:35:42 PM

Sample Moisture (Percent Moisture)

Batch ID: R66438

Analyst: OK

Percent Moisture	26.9	0.500		wt%	1	4/8/2021 4:17:18 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:37:00 PM

Project: 2021040037

Lab ID: 2104069-008

Matrix: Soil

Client Sample ID: 040037-8

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
2-Methylnaphthalene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
1-Methylnaphthalene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Acenaphthylene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Acenaphthene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Fluorene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Phenanthrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Anthracene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Fluoranthene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Pyrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Benz(a)anthracene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Chrysene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Benzo(b)fluoranthene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Benzo(k)fluoranthene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Benzo(a)pyrene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Indeno(1,2,3-cd)pyrene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Dibenz(a,h)anthracene	ND	43.3		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Benzo(g,h,i)perylene	ND	21.6		µg/Kg-dry	1	4/12/2021 12:56:55 PM
Surr: 2-Fluorobiphenyl	49.4	19 - 135		%Rec	1	4/12/2021 12:56:55 PM
Surr: Terphenyl-d14 (surr)	58.9	42.9 - 156		%Rec	1	4/12/2021 12:56:55 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	22.7	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-009
Client Sample ID: 040037-9

Collection Date: 4/2/2021 12:29:00 PM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907 Analyst: SB

Naphthalene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
2-Methylnaphthalene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
1-Methylnaphthalene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Acenaphthylene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Acenaphthene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Fluorene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Phenanthrene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Anthracene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Fluoranthene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Pyrene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Benz(a)anthracene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Chrysene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Benzo(b)fluoranthene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Benzo(k)fluoranthene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Benzo(a)pyrene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Indeno(1,2,3-cd)pyrene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Dibenz(a,h)anthracene	ND	46.6		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Benzo(g,h,i)perylene	ND	23.3		µg/Kg-dry	1	4/14/2021 10:39:25 AM
Surr: 2-Fluorobiphenyl	48.2	19 - 135		%Rec	1	4/14/2021 10:39:25 AM
Surr: Terphenyl-d14 (surr)	68.1	42.9 - 156		%Rec	1	4/14/2021 10:39:25 AM

Sample Moisture (Percent Moisture)

Batch ID: R66439 Analyst: OK

Percent Moisture	22.8	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:20:00 PM

Project: 2021040037

Lab ID: 2104069-010

Matrix: Soil

Client Sample ID: 040037-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
2-Methylnaphthalene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
1-Methylnaphthalene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Acenaphthylene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Acenaphthene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Fluorene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Phenanthrene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Anthracene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Fluoranthene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Pyrene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Benz(a)anthracene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Chrysene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Benzo(b)fluoranthene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Benzo(k)fluoranthene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Benzo(a)pyrene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Indeno(1,2,3-cd)pyrene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Dibenz(a,h)anthracene	ND	47.5		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Benzo(g,h,i)perylene	ND	23.8		µg/Kg-dry	1	4/14/2021 11:00:51 AM
Surr: 2-Fluorobiphenyl	65.8	19 - 135		%Rec	1	4/14/2021 11:00:51 AM
Surr: Terphenyl-d14 (surr)	86.7	42.9 - 156		%Rec	1	4/14/2021 11:00:51 AM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	25.4	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:11:00 PM

Project: 2021040037

Lab ID: 2104069-011

Matrix: Soil

Client Sample ID: 040037-11

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
2-Methylnaphthalene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
1-Methylnaphthalene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Acenaphthylene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Acenaphthene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Fluorene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Phenanthrene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Anthracene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Fluoranthene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Pyrene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Benz(a)anthracene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Chrysene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Benzo(b)fluoranthene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Benzo(k)fluoranthene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Benzo(a)pyrene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Indeno(1,2,3-cd)pyrene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Dibenz(a,h)anthracene	ND	43.7		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Benzo(g,h,i)perylene	ND	21.8		µg/Kg-dry	1	4/14/2021 11:22:11 AM
Surr: 2-Fluorobiphenyl	70.0	19 - 135		%Rec	1	4/14/2021 11:22:11 AM
Surr: Terphenyl-d14 (surr)	91.6	42.9 - 156		%Rec	1	4/14/2021 11:22:11 AM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	20.5	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 12:02:00 PM

Project: 2021040037

Lab ID: 2104069-012

Matrix: Soil

Client Sample ID: 040037-12

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
2-Methylnaphthalene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
1-Methylnaphthalene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Acenaphthylene	127	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Acenaphthene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Fluorene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Phenanthrene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Anthracene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Fluoranthene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Pyrene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Benz(a)anthracene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Chrysene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Benzo(b)fluoranthene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Benzo(k)fluoranthene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Benzo(a)pyrene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Indeno(1,2,3-cd)pyrene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Dibenz(a,h)anthracene	ND	39.7		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Benzo(g,h,i)perylene	ND	19.9		µg/Kg-dry	1	4/14/2021 11:43:36 AM
Surr: 2-Fluorobiphenyl	63.8	19 - 135		%Rec	1	4/14/2021 11:43:36 AM
Surr: Terphenyl-d14 (surr)	84.0	42.9 - 156		%Rec	1	4/14/2021 11:43:36 AM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	15.2	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 11:55:00 AM

Project: 2021040037

Lab ID: 2104069-013

Matrix: Soil

Client Sample ID: 040037-13

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
2-Methylnaphthalene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
1-Methylnaphthalene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Acenaphthylene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Acenaphthene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Fluorene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Phenanthrene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Anthracene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Fluoranthene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Pyrene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Benz(a)anthracene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Chrysene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Benzo(b)fluoranthene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Benzo(k)fluoranthene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Benzo(a)pyrene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Dibenz(a,h)anthracene	ND	48.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Benzo(g,h,i)perylene	ND	24.0		µg/Kg-dry	1	4/14/2021 12:05:00 PM
Surr: 2-Fluorobiphenyl	66.8	19 - 135		%Rec	1	4/14/2021 12:05:00 PM
Surr: Terphenyl-d14 (surr)	94.1	42.9 - 156		%Rec	1	4/14/2021 12:05:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	22.4	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 11:45:00 AM

Project: 2021040037

Lab ID: 2104069-014

Matrix: Soil

Client Sample ID: 040037-14

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
2-Methylnaphthalene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
1-Methylnaphthalene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Acenaphthylene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Acenaphthene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Fluorene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Phenanthrene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Anthracene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Fluoranthene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Pyrene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Benz(a)anthracene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Chrysene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Benzo(b)fluoranthene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Benzo(k)fluoranthene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Benzo(a)pyrene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Indeno(1,2,3-cd)pyrene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Dibenz(a,h)anthracene	ND	52.5		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Benzo(g,h,i)perylene	ND	26.3		µg/Kg-dry	1	4/14/2021 12:26:22 PM
Surr: 2-Fluorobiphenyl	69.0	19 - 135		%Rec	1	4/14/2021 12:26:22 PM
Surr: Terphenyl-d14 (surr)	89.0	42.9 - 156		%Rec	1	4/14/2021 12:26:22 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	25.8	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-015
Client Sample ID: 040037-15

Collection Date: 4/2/2021 11:08:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
2-Methylnaphthalene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
1-Methylnaphthalene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Acenaphthylene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Acenaphthene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Fluorene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Phenanthrene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Anthracene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Fluoranthene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Pyrene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Benz(a)anthracene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Chrysene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Benzo(b)fluoranthene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Benzo(k)fluoranthene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Benzo(a)pyrene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Indeno(1,2,3-cd)pyrene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Dibenz(a,h)anthracene	ND	44.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Benzo(g,h,i)perylene	ND	22.0		µg/Kg-dry	1	4/14/2021 3:18:49 PM
Surr: 2-Fluorobiphenyl	63.2	19 - 135		%Rec	1	4/14/2021 3:18:49 PM
Surr: Terphenyl-d14 (surr)	77.1	42.9 - 156		%Rec	1	4/14/2021 3:18:49 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	17.0	0.500		wt%	1	4/8/2021 4:27:38 PM
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Analytical Report

Work Order: 2104069
Date Reported: 4/15/2021

Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-016
Client Sample ID: 040037-16

Collection Date: 4/2/2021 10:59:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
2-Methylnaphthalene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
1-Methylnaphthalene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Acenaphthylene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Acenaphthene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Fluorene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Phenanthrene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Anthracene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Fluoranthene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Pyrene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Benz(a)anthracene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Chrysene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Benzo(b)fluoranthene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Benzo(k)fluoranthene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Benzo(a)pyrene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Indeno(1,2,3-cd)pyrene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Dibenz(a,h)anthracene	ND	51.2		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Benzo(g,h,i)perylene	ND	25.6		µg/Kg-dry	1	4/14/2021 3:40:24 PM
Surr: 2-Fluorobiphenyl	67.9	19 - 135		%Rec	1	4/14/2021 3:40:24 PM
Surr: Terphenyl-d14 (surr)	78.3	42.9 - 156		%Rec	1	4/14/2021 3:40:24 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	22.6	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-017
Client Sample ID: 040037-17

Collection Date: 4/2/2021 10:51:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
2-Methylnaphthalene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
1-Methylnaphthalene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Acenaphthylene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Acenaphthene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Fluorene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Phenanthrene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Anthracene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Fluoranthene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Pyrene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Benz(a)anthracene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Chrysene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Benzo(b)fluoranthene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Benzo(k)fluoranthene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Benzo(a)pyrene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Indeno(1,2,3-cd)pyrene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Dibenz(a,h)anthracene	ND	51.7		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Benzo(g,h,i)perylene	ND	25.8		µg/Kg-dry	1	4/14/2021 4:02:03 PM
Surr: 2-Fluorobiphenyl	61.4	19 - 135		%Rec	1	4/14/2021 4:02:03 PM
Surr: Terphenyl-d14 (surr)	76.0	42.9 - 156		%Rec	1	4/14/2021 4:02:03 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	25.7	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 10:42:00 AM

Project: 2021040037

Lab ID: 2104069-018

Matrix: Soil

Client Sample ID: 040037-18

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
2-Methylnaphthalene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
1-Methylnaphthalene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Acenaphthylene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Acenaphthene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Fluorene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Phenanthrene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Anthracene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Fluoranthene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Pyrene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Benz(a)anthracene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Chrysene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Benzo(b)fluoranthene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Benzo(k)fluoranthene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Benzo(a)pyrene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Indeno(1,2,3-cd)pyrene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Dibenz(a,h)anthracene	ND	49.2		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Benzo(g,h,i)perylene	ND	24.6		µg/Kg-dry	1	4/14/2021 4:23:43 PM
Surr: 2-Fluorobiphenyl	66.3	19 - 135		%Rec	1	4/14/2021 4:23:43 PM
Surr: Terphenyl-d14 (surr)	86.1	42.9 - 156		%Rec	1	4/14/2021 4:23:43 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	23.8	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-019
Client Sample ID: 040037-19

Collection Date: 4/2/2021 10:34:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907 Analyst: SB

Naphthalene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
2-Methylnaphthalene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
1-Methylnaphthalene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Acenaphthylene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Acenaphthene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Fluorene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Phenanthrene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Anthracene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Fluoranthene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Pyrene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Benz(a)anthracene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Chrysene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Benzo(b)fluoranthene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Benzo(k)fluoranthene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Benzo(a)pyrene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Indeno(1,2,3-cd)pyrene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Dibenz(a,h)anthracene	ND	44.7		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Benzo(g,h,i)perylene	ND	22.3		µg/Kg-dry	1	4/14/2021 4:45:25 PM
Surr: 2-Fluorobiphenyl	60.7	19 - 135		%Rec	1	4/14/2021 4:45:25 PM
Surr: Terphenyl-d14 (surr)	78.3	42.9 - 156		%Rec	1	4/14/2021 4:45:25 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439 Analyst: OK

Percent Moisture	24.4	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 10:25:00 AM

Project: 2021040037

Lab ID: 2104069-020

Matrix: Soil

Client Sample ID: 040037-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31907

Analyst: SB

Naphthalene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
2-Methylnaphthalene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
1-Methylnaphthalene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Acenaphthylene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Acenaphthene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Fluorene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Phenanthrene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Anthracene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Fluoranthene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Pyrene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Benz(a)anthracene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Chrysene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Benzo(b)fluoranthene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Benzo(k)fluoranthene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Benzo(a)pyrene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Indeno(1,2,3-cd)pyrene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Dibenz(a,h)anthracene	ND	45.2		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Benzo(g,h,i)perylene	ND	22.6		µg/Kg-dry	1	4/14/2021 5:07:08 PM
Surr: 2-Fluorobiphenyl	49.2	19 - 135		%Rec	1	4/14/2021 5:07:08 PM
Surr: Terphenyl-d14 (surr)	58.5	42.9 - 156		%Rec	1	4/14/2021 5:07:08 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	22.1	0.500		wt%	1	4/8/2021 4:27:38 PM
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Analytical Report

Work Order: 2104069
Date Reported: 4/15/2021

Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-021
Client Sample ID: 040037-21

Collection Date: 4/2/2021 10:18:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31923 Analyst: SB

Naphthalene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
2-Methylnaphthalene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
1-Methylnaphthalene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Acenaphthylene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Acenaphthene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Fluorene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Phenanthrene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Anthracene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Fluoranthene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Pyrene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Benz(a)anthracene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Chrysene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Benzo(b)fluoranthene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Benzo(k)fluoranthene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Benzo(a)pyrene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Indeno(1,2,3-cd)pyrene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Dibenz(a,h)anthracene	ND	49.7		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Benzo(g,h,i)perylene	ND	24.8		µg/Kg-dry	1	4/9/2021 2:02:00 PM
Surr: 2-Fluorobiphenyl	81.9	19 - 135		%Rec	1	4/9/2021 2:02:00 PM
Surr: Terphenyl-d14 (surr)	91.5	42.9 - 156		%Rec	1	4/9/2021 2:02:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439 Analyst: OK

Percent Moisture	21.1	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 10:07:00 AM

Project: 2021040037

Lab ID: 2104069-022

Matrix: Soil

Client Sample ID: 040037-22

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31923

Analyst: SB

Naphthalene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
2-Methylnaphthalene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
1-Methylnaphthalene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Acenaphthylene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Acenaphthene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Fluorene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Phenanthrene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Anthracene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Fluoranthene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Pyrene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Benz(a)anthracene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Chrysene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Benzo(b)fluoranthene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Benzo(k)fluoranthene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Benzo(a)pyrene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Indeno(1,2,3-cd)pyrene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Dibenz(a,h)anthracene	ND	45.8		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Benzo(g,h,i)perylene	ND	22.9		µg/Kg-dry	1	4/9/2021 2:23:17 PM
Surr: 2-Fluorobiphenyl	79.5	19 - 135		%Rec	1	4/9/2021 2:23:17 PM
Surr: Terphenyl-d14 (surr)	88.6	42.9 - 156		%Rec	1	4/9/2021 2:23:17 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	21.5	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 9:59:00 AM

Project: 2021040037

Lab ID: 2104069-023

Matrix: Soil

Client Sample ID: 040037-23

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31923

Analyst: SB

Naphthalene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
2-Methylnaphthalene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
1-Methylnaphthalene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Acenaphthylene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Acenaphthene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Fluorene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Phenanthrene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Anthracene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Fluoranthene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Pyrene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Benz(a)anthracene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Chrysene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Benzo(b)fluoranthene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Benzo(k)fluoranthene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Benzo(a)pyrene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Indeno(1,2,3-cd)pyrene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Dibenz(a,h)anthracene	ND	40.7		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Benzo(g,h,i)perylene	ND	20.4		µg/Kg-dry	1	4/9/2021 3:27:13 PM
Surr: 2-Fluorobiphenyl	79.5	19 - 135		%Rec	1	4/9/2021 3:27:13 PM
Surr: Terphenyl-d14 (surr)	89.3	42.9 - 156		%Rec	1	4/9/2021 3:27:13 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	15.2	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories

Collection Date: 4/2/2021 9:36:00 AM

Project: 2021040037

Lab ID: 2104069-024

Matrix: Soil

Client Sample ID: 040037-24

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31923

Analyst: SB

Naphthalene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
2-Methylnaphthalene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
1-Methylnaphthalene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Acenaphthylene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Acenaphthene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Fluorene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Phenanthrene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Anthracene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Fluoranthene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Pyrene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Benz(a)anthracene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Chrysene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Benzo(b)fluoranthene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Benzo(k)fluoranthene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Benzo(a)pyrene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Indeno(1,2,3-cd)pyrene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Dibenz(a,h)anthracene	ND	54.8		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Benzo(g,h,i)perylene	ND	27.4		µg/Kg-dry	1	4/9/2021 3:48:31 PM
Surr: 2-Fluorobiphenyl	65.0	19 - 135		%Rec	1	4/9/2021 3:48:31 PM
Surr: Terphenyl-d14 (surr)	73.5	42.9 - 156		%Rec	1	4/9/2021 3:48:31 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	29.0	0.500		wt%	1	4/8/2021 4:27:38 PM
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Client: Spectra Laboratories
Project: 2021040037
Lab ID: 2104069-025
Client Sample ID: 040037-25

Collection Date: 4/2/2021 9:49:00 AM

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Batch ID: 31923

Analyst: SB

Naphthalene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
2-Methylnaphthalene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
1-Methylnaphthalene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Acenaphthylene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Acenaphthene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Fluorene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Phenanthrene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Anthracene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Fluoranthene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Pyrene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Benzo(a)anthracene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Chrysene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Benzo(b)fluoranthene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Benzo(k)fluoranthene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Benzo(a)pyrene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Indeno(1,2,3-cd)pyrene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Dibenz(a,h)anthracene	ND	46.9		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Benzo(g,h,i)perylene	ND	23.4		µg/Kg-dry	1	4/9/2021 4:09:55 PM
Surr: 2-Fluorobiphenyl	77.6	19 - 135		%Rec	1	4/9/2021 4:09:55 PM
Surr: Terphenyl-d14 (surr)	90.2	42.9 - 156		%Rec	1	4/9/2021 4:09:55 PM

Sample Moisture (Percent Moisture)

Batch ID: R66439

Analyst: OK

Percent Moisture	25.0	0.500		wt%	1	4/8/2021 4:27:38 PM
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Fremont
ANALYTICAL

Date: 4/15/2021

Work Order: 2104069

CLIENT: Spectra Laboratories

Project: 2021040037

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: MB-31923	SampType: MBLK	Units: µg/Kg	Prep Date: 4/8/2021	RunNo: 66487							
Client ID: MBLKS	Batch ID: 31923		Analysis Date: 4/9/2021	SeqNo: 1337765							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	ND	20.0									
2-Methylnaphthalene	ND	20.0									
1-Methylnaphthalene	ND	20.0									
Acenaphthylene	ND	20.0									
Acenaphthene	ND	20.0									
Fluorene	ND	20.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	20.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	20.0									
Benzo(k)fluoranthene	ND	20.0									
Benzo(a)pyrene	ND	20.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	20.0									
Surr: 2-Fluorobiphenyl	965		1,000		96.5	19		135			
Surr: Terphenyl-d14 (surr)	1,080		1,000		108	42.9		156			

Sample ID: LCS-31923	SampType: LCS	Units: µg/Kg	Prep Date: 4/8/2021	RunNo: 66487							
Client ID: LCSS	Batch ID: 31923		Analysis Date: 4/9/2021	SeqNo: 1337766							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	1,840	20.0	2,000	0	91.8	62.7		127			
2-Methylnaphthalene	1,860	20.0	2,000	0	93.1	62.7		132			
1-Methylnaphthalene	1,870	20.0	2,000	0	93.4	61.4		131			
Acenaphthylene	1,850	20.0	2,000	0	92.6	62		132			
Acenaphthene	1,810	20.0	2,000	0	90.7	59.2		132			



Fremont
Analytical

Date: 4/15/2021

Work Order: 2104069 **QC SUMMARY REPORT**
CLIENT: Spectra Laboratories **Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)**
Project: 2021040037

Analyte	Result	RL	SPK value	SPK Ref Val	Units: µg/Kg	%REC	Prep Date: 4/8/2021		RunNo: 66487			
							LowLimit	HighLimit				
							LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1,890	20.0	2,000	0	0	94.6	59.1	136				
Phenanthrene	1,950	40.0	2,000	0	0	97.4	54.1	139				
Anthracene	1,920	40.0	2,000	0	0	96.1	55.5	136				
Fluoranthene	1,930	40.0	2,000	0	0	96.4	52.8	149				
Pyrene	1,870	40.0	2,000	0	0	93.6	53.6	146				
Benz(a)anthracene	1,920	20.0	2,000	0	0	96.1	49.7	153				
Chrysene	1,980	40.0	2,000	0	0	99.1	52.6	147				
Benzo(b)fluoranthene	2,110	20.0	2,000	0	0	106	50.6	151				
Benzo(k)fluoranthene	1,990	20.0	2,000	0	0	99.7	47.1	155				
Benzo(a)pyrene	2,250	20.0	2,000	0	0	113	48.3	169				
Indeno(1,2,3-cd)pyrene	1,960	40.0	2,000	0	0	98.0	52.3	145				
Dibenz(a,h)anthracene	1,990	40.0	2,000	0	0	99.7	53	144				
Benzo(g,h,i)perylene	1,790	20.0	2,000	0	0	89.7	49.7	144				
Surr: 2-Fluorobiphenyl	954		1,000			95.4	19	135				
Surr: Terphenyl-d14 (surr)	1,020		1,000			102	42.9	156				

Analyte	Result	RL	SPK value	SPK Ref Val	Units: µg/Kg-dry	%REC	Prep Date: 4/8/2021		RunNo: 66487			
							LowLimit	HighLimit				
							LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1,700	22.1	2,210	0	0	76.7	28.7	139				
2-Methylnaphthalene	1,740	22.1	2,210	0	0	78.8	43.5	130				
1-Methylnaphthalene	1,750	22.1	2,210	0	0	79.2	42.6	127				
Acenaphthylene	1,720	22.1	2,210	0	0	77.7	45.3	129				
Acenaphthene	1,680	22.1	2,210	0	0	76.0	45.1	123				
Fluorene	1,770	22.1	2,210	0	0	80.0	41.6	128				
Phenanthrene	1,810	44.2	2,210	0	0	81.8	24.2	142				
Anthracene	1,780	44.2	2,210	0	0	80.6	33.1	143				
Fluoranthene	1,800	44.2	2,210	0	0	81.4	35.5	147				
Pyrene	1,730	44.2	2,210	0	0	78.3	38.3	141				

Original



Date: 4/15/2021

Work Order: 2104069
CLIENT: Spectra Laboratories
Project: 2021040037

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: 2104069-022AMS	SampType: MS	Units: µg/Kg-dry	Prep Date: 4/8/2021	RunNo: 66487							
Client ID: 040037-22	Batch ID: 31923	Analysis Date: 4/9/2021	SeqNo: 1337769								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,820	22.1	2,210	0	82.3	42.5	145				
Chrysene	1,810	44.2	2,210	0	81.9	39.7	134				
Benzo(b)fluoranthene	1,870	22.1	2,210	0	84.6	29.9	152				
Benzo(k)fluoranthene	1,900	22.1	2,210	0	86.2	33.2	143.5				
Benzo(a)pyrene	2,060	22.1	2,210	0	93.1	38.2	156				
Indeno(1,2,3-cd)pyrene	1,800	44.2	2,210	0	81.4	41.4	128				
Dibenz(a,h)anthracene	1,840	44.2	2,210	0	83.3	40.4	129				
Benzo(g,h,i)perylene	1,640	22.1	2,210	0	74.1	34.2	131				
Surr: 2-Fluorobiphenyl	880		1,105		79.6	19	135				
Surr: Terphenyl-d14 (surr)	959		1,105		86.7	42.9	156				

Sample ID: 2104069-022AMS	SampType: MSD	Units: µg/Kg-dry	Prep Date: 4/8/2021	RunNo: 66487							
Client ID: 040037-22	Batch ID: 31923	Analysis Date: 4/9/2021	SeqNo: 1337770								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1,900	24.5	2,453	0	77.5	28.7	139	1,695	11.4	30	
2-Methylnaphthalene	1,930	24.5	2,453	0	78.6	43.5	130	1,743	10.1	30	
1-Methylnaphthalene	1,950	24.5	2,453	0	79.5	42.6	127	1,751	10.7	30	
Acenaphthylene	1,940	24.5	2,453	0	79.0	45.3	129	1,718	12.1	30	
Acenaphthene	1,870	24.5	2,453	0	76.2	45.1	123	1,679	10.7	30	
Fluorene	1,950	24.5	2,453	0	79.4	41.6	128	1,768	9.69	30	
Phenanthrene	2,040	49.1	2,453	0	83.2	24.2	142	1,808	12.1	30	
Anthracene	1,980	49.1	2,453	0	80.7	33.1	143	1,781	10.5	30	
Fluoranthene	1,990	49.1	2,453	0	80.9	35.5	147	1,799	9.83	30	
Pyrene	1,920	49.1	2,453	0	78.1	38.3	141	1,730	10.2	30	
Benz(a)anthracene	2,000	24.5	2,453	0	81.4	42.5	145	1,818	9.31	30	
Chrysene	2,020	49.1	2,453	0	82.3	39.7	134	1,810	11.0	30	
Benzo(b)fluoranthene	1,940	24.5	2,453	0	78.9	29.9	152	1,871	3.40	30	
Benzo(k)fluoranthene	2,330	24.5	2,453	0	94.8	33.2	143.5	1,904	19.9	30	
Benzo(a)pyrene	2,330	24.5	2,453	0	95.0	38.2	156	2,058	12.4	30	



Date: 4/15/2021

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	2,030	49.1	2,453	0	82.8	41.4	128	1,800	12.1	30	
Dibenz(a,h)anthracene	2,070	49.1	2,453	0	84.5	40.4	129	1,842	11.8	30	
Benzo(g,h,i)perylene	1,850	24.5	2,453	0	75.3	34.2	131	1,637	12.0	30	
Surr: 2-Fluorobiphenyl	971		1,227		79.1	19	135		0		
Surr: Terphenyl-d14 (surr)	1,040		1,227		84.4	42.9	156		0		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	20.0									
2-Methylnaphthalene	ND	20.0									
1-Methylnaphthalene	ND	20.0									
Acenaphthylene	ND	20.0									
Acenaphthene	ND	20.0									
Fluorene	ND	20.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	20.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	20.0									
Benzo(k)fluoranthene	ND	20.0									
Benzo(a)pyrene	ND	20.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	20.0									
Surr: 2-Fluorobiphenyl	446		1,000		44.6	19	135				
Surr: Terphenyl-d14 (surr)	955		1,000		95.5	42.9	156				



Date: 4/15/2021

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Work Order: 2104069
 CLIENT: Spectra Laboratories
 Project: 2021040037

Sample ID: MB-31907	SampType: MBLK	Units: µg/Kg	Prep Date: 4/7/2021	RunNo: 66567
Client ID: MBLKS	Batch ID: 31907		Analysis Date: 4/12/2021	SeqNo: 1339951
Analyte	Result	RL	SPK value	SPK Ref Val
			%REC	LowLimit
			HighLimit	RPD Ref Val
			%RPD	RPDLimit
				Qual

Sample ID: LCS-31907	SampType: LCS	Units: µg/Kg	Prep Date: 4/7/2021	RunNo: 66567				
Client ID: LCSS	Batch ID: 31907		Analysis Date: 4/12/2021	SeqNo: 1339952				
Analyte	Result	RL	SPK value	SPK Ref Val				
			%REC	LowLimit				
			HighLimit	RPD Ref Val				
			%RPD	RPDLimit				
				Qual				
Naphthalene	1,630	20.0	2,000	0	81.6	62.7	127	
2-Methylnaphthalene	1,710	20.0	2,000	0	85.4	62.7	132	
1-Methylnaphthalene	1,710	20.0	2,000	0	85.6	61.4	131	
Acenaphthylene	1,720	20.0	2,000	0	86.2	62	132	
Acenaphthene	1,650	20.0	2,000	0	82.7	59.2	132	
Fluorene	1,750	20.0	2,000	0	87.5	59.1	136	
Phenanthrene	1,760	40.0	2,000	0	88.0	54.1	139	
Anthracene	1,760	40.0	2,000	0	87.8	55.5	136	
Fluoranthene	1,800	40.0	2,000	0	90.1	52.8	149	
Pyrene	1,740	40.0	2,000	0	86.9	53.6	146	
Benz(a)anthracene	1,820	20.0	2,000	0	91.0	49.7	153	
Chrysene	1,690	40.0	2,000	0	84.4	52.6	147	
Benzo(b)fluoranthene	1,900	20.0	2,000	0	95.1	50.6	151	
Benzo(k)fluoranthene	1,840	20.0	2,000	0	91.9	47.1	155	
Benzo(a)pyrene	2,070	20.0	2,000	0	103	48.3	169	
Indeno(1,2,3-cd)pyrene	1,860	40.0	2,000	0	93.1	52.3	145	
Dibenz(a,h)anthracene	1,900	40.0	2,000	0	94.9	53	144	
Benzo(g,h,i)perylene	1,730	20.0	2,000	0	86.7	49.7	144	
Surr: 2-Fluorobiphenyl	705		1,000		70.5	19	135	
Surr: Terphenyl-d14 (surr)	997		1,000		98.7	42.9	156	



Date: 4/15/2021

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Work Order: 2104069
CLIENT: Spectra Laboratories
Project: 2021040037

Sample ID:	2104069-002AMS	SampType:	MS	RunNo:	66567							
Client ID:	040037-2	Batch ID:	31907	SeqNo:	1339955							
Analyte	Result	RL	SPK value	SPK Ref Val	Units: µg/Kg-dry	Prep Date:	4/7/2021	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
						Analysis Date:	4/12/2021	LowLimit				
Naphthalene	1,380	22.1	2,205	0	62.7	28.7	139					
2-Methylnaphthalene	1,440	22.1	2,205	0	65.5	43.5	130					
1-Methylnaphthalene	1,460	22.1	2,205	0	66.1	42.6	127					
Acenaphthylene	1,460	22.1	2,205	0	66.4	45.3	129					
Acenaphthene	1,390	22.1	2,205	0	63.1	45.1	123					
Fluorene	1,470	22.1	2,205	0	66.6	41.6	128					
Phenanthrene	1,500	44.1	2,205	0	68.0	24.2	142					
Anthracene	1,460	44.1	2,205	0	66.3	33.1	143					
Fluoranthene	1,500	44.1	2,205	0	68.0	35.5	147					
Pyrene	1,440	44.1	2,205	0	65.5	38.3	141					
Benz(a)anthracene	1,500	22.1	2,205	8.569	67.4	42.5	145					
Chrysene	1,470	44.1	2,205	0	66.7	39.7	134					
Benz(b)fluoranthene	1,460	22.1	2,205	7.051	66.0	29.9	152					
Benz(k)fluoranthene	1,650	22.1	2,205	3.454	74.8	33.2	143.5					
Benz(a)pyrene	1,710	22.1	2,205	2.791	77.5	38.2	156					
Indeno(1,2,3-cd)pyrene	1,510	44.1	2,205	0	68.3	41.4	128					
Dibenz(a,h)anthracene	1,550	44.1	2,205	0	70.1	40.4	129					
Benz(g,h,i)perylene	1,390	22.1	2,205	3.520	62.8	34.2	131					
Surr: 2-Fluorobiphenyl	642		1,103		58.2	19	135					
Surr: Terphenyl-d14 (surr)	812		1,103		73.7	42.9	156					

Sample ID:	2104069-002AMS	SampType:	MSD	RunNo:	66567							
Client ID:	040037-2	Batch ID:	31907	SeqNo:	1339956							
Analyte	Result	RL	SPK value	SPK Ref Val	Units: µg/Kg-dry	Prep Date:	4/7/2021	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
						Analysis Date:	4/12/2021	LowLimit				
Naphthalene	1,360	23.5	2,346	0	58.0	28.7	139	1,384	1.65	30		
2-Methylnaphthalene	1,430	23.5	2,346	0	61.1	43.5	130	1,445	0.768	30		
1-Methylnaphthalene	1,450	23.5	2,346	0	61.9	42.6	127	1,459	0.364	30		
Acenaphthylene	1,460	23.5	2,346	0	62.3	45.3	129	1,464	0.150	30		
Acenaphthene	1,430	23.5	2,346	0	60.8	45.1	123	1,391	2.54	30		



Date: 4/15/2021

QC SUMMARY REPORT
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Work Order: 2104069
CLIENT: Spectra Laboratories
Project: 2021040037

Analyte	Result	RL	SPK value	SPK Ref Val	Units: µg/Kg-dry	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1,490	23.5	2,346	0	41.6	63.6	128	1,469	1.63	30		
Phenanthrene	1,480	46.9	2,346	0	24.2	63.1	142	1,499	1.27	30		
Anthracene	1,450	46.9	2,346	0	33.1	61.9	143	1,461	0.661	30		
Fluoranthene	1,520	46.9	2,346	0	35.5	64.7	147	1,499	1.31	30		
Pyrene	1,460	46.9	2,346	0	38.3	62.3	141	1,444	1.32	30		
Benz(a)anthracene	1,540	23.5	2,346	8.569	42.5	65.3	145	1,496	2.91	30		
Chrysene	1,480	46.9	2,346	0	39.7	63.2	134	1,471	0.784	30		
Benzo(b)fluoranthene	1,680	23.5	2,346	7.051	29.9	71.3	152	1,463	13.7	30		
Benzo(k)fluoranthene	1,500	23.5	2,346	3.454	33.2	63.7	143.5	1,652	9.72	30		
Benzo(a)pyrene	1,770	23.5	2,346	2.791	38.2	75.2	156	1,712	3.19	30		
Indeno(1,2,3-cd)pyrene	1,560	46.9	2,346	0	41.4	66.5	128	1,507	3.52	30		
Dibenz(a,h)anthracene	1,590	46.9	2,346	0	40.4	67.9	129	1,545	3.13	30		
Benzo(g,h,i)perylene	1,430	23.5	2,346	3.520	34.2	61.0	131	1,388	3.30	30		
Surr: 2-Fluorobiphenyl	562		1,173		19	47.9	135		0			
Surr: Terphenyl-d14 (surr)	758		1,173		42.9	64.6	156		0			

Client Name: **SPECTR**

Work Order Number: **2104069**

Logged by: **Gabrielle Coeulle**

Date Received: **4/6/2021 9:32:00 AM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<u>Marie Holt</u>	Date:	<u>4/6/2021</u>
By Whom:	<u>Gabrielle Coeulle</u>	Via:	<input checked="" type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<u>Confirmation of method.</u>		
Client Instructions:	<u>8270-SIM.</u>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample 1	5.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

SPECTRA LABORATORIES

Since 1988, we have been providing the highest quality analytical services to our clients.

Turnaround Time Requested
 STANDARD RUSH SPECIAL

Lab Approval Required

CHAIN of CUSTODY

Return Samples Yes No

2104009 Page 1 of 3

CLIENT Spectra Laboratories

ADDRESS: 2221 Ross Way Tacoma, WA

ZIP 98421

ADDRESS CHANGE

PROJECT 2021040037

CONTACT Marie Holt

SUBBED TO Fremont Analytical

PHONE 253-272-4850

e-MAIL: marieh@spectra-lab.com

PURCHASE ORDER #:

SAMPLE ID

DATE SAMPLED TIME SAMPLED MATRIX

NUMBER OF CONTAINERS

NWTPH-HCID

BTEX

BTEX/NWTPH-G

NWTPH-G

NWTPH-Dx

1684 SGT-HEM (TPH)

1684 HEM (FOG)

8260/624 VOA

8260 CHLOR SOLVENTS

8270/625 SEMI VOA

8270 PAH/PNA

8082/608 PCB

TOTAL METALS RCRA 8

TOTAL METALS (SPECIFY)

TCLP METALS RCRA 8

TCLP METALS (SPECIFY)

PH 9040/9045

TX/TOX 9078

TURBIDITY

FLASH POINT

BOD

SOLIDS (SPECIFY)

Fecal Coliform - MPN or MF

Hg by *631E

HYDROCARBONS

ORGANICS

METALS

OTHER

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX	NUMBER OF CONTAINERS	HYDROCARBONS	ORGANICS	METALS	OTHER
1 040037-1	04/02/21	1350	soil	1				
2 040037-2	04/02/21	1339	soil	1				
3 040037-3	04/02/21	1330	soil	1				
4 040037-4	04/02/21	1320	soil	1				
5 040037-5	04/02/21	1309	soil	1				
6 040037-6	04/02/21	1255	soil	1				
7 040037-7	04/02/21	1245	soil	1				
8 040037-8	04/02/21	1237	soil	1				
9 040037-9	04/02/21	1229	soil	1				
0 040037-10	04/02/21	1220	soil	1				

SPECIAL INSTRUCTIONS/COMMENTS * see attached quote and TAT

Sample Receipt (lab use only)

Total # of containers _____

COC seals present? Intact? _____

Temp at receipt _____ deg C.

Received within hold time? _____

Proper sample containers? _____

Received via Cooler? _____

SIGNATURE

PRINTED NAME

COMPANY

DATE

TIME

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

Paymen Terms: Net 30. All payments due in advance. No cash discounts. Payment by check or money order payable to Spectra Laboratories, Inc. 2221 Ross Way, Tacoma, WA 98421. Phone: 253-272-4850. Fax: 253-272-4851. Website: www.spectra-lab.com

TACOMA (253) 272-4850 2221 Ross Way 98421 POUSSBO (360) 779-5141 26276 Twelve Trees Ln #C 98370 PORT ORCHARD (360) 443-7845 1786 SE Mile Hill Dr 98366

Return Samples Yes No

2104009
 Page 2 of 3

CLIENT Spectra Laboratories ADDRESS: 2221 Ross Way Tacoma, WA ZIP 98421

PROJECT 2021040037

CONTACT Marie Holt

SUBBED TO. Fremont Analytical

PHONE 253-272-4850

e-MAIL. marieh@spectra-lab.com

PURCHASE ORDER #

NUMBER OF CONTAINERS

HYDROCARBONS

ORGANICS

METALS

OTHER

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX	NUMBER OF CONTAINERS
1 040037-11	04/02/21	1211	soil	1
2 040037-12	04/02/21	1202	soil	1
3 040037-13	04/02/21	1155	soil	1
4 040037-14	04/02/21	1145	soil	1
5 040037-15	04/02/21	1108	soil	1
6 040037-16	04/02/21	1059	soil	1
7 040037-17	04/02/21	1051	soil	1
8 040037-18	04/02/21	1042	soil	1
9 040037-19	04/02/21	1034	soil	1
0 040037-20	04/02/21	1025	soil	1

SPECIAL INSTRUCTIONS/COMMENTS * see attached quote and IAI

Sample Receipt (lab use only)

Total # of containers _____

COC seals present? _____ Intact? _____

Temp at receipt _____ deg. C.

Received within hold time? _____

Proper sample containers? _____

Received via _____ Cooler? _____

RELINQUISHED BY _____ RECEIVED BY _____

RELINQUISHED BY _____ RECEIVED BY _____

SIGNATURE _____ PRINTED NAME S. Beck

COMPANY Spectra-Tacoma DATE 4/5/2021 TIME 1500

SPECTRA LABORATORIES

Turnaround Time Requested
 STANDARD RUSH SPECIAL
 Lab Approval Required

CHAIN of CUSTODY

204069
 Page 3 of 3

Return Samples Yes No

ADDRESS CHANGE

CLIENT Spectra Laboratories
 PROJECT: 2021040037
 CONTACT: Marie Holt
 SUBBED TO: Fremont Analytical
 PHONE: 253-272-4850
 e-MAIL: marieh@spectra-lab.com
 PURCHASE ORDER #:
 ADDRESS: 2221 Ross Way Tacoma, WA
 ZIP: 98421

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX
1 040037-21	04/02/21	1018	soil
2 040037-22	04/02/21	1007	soil
3 040037-23	04/02/21	0959	soil
4 040037-24	04/02/21	0936	soil
5 040037-25	04/02/21	0949	soil
6			
7			
8			
9			
0			

NUMBER OF CONTAINERS	HYDROCARBONS	ORGANICS	METALS	OTHER
	NWTPH-HCID			
	BTEX			
	BTEX/NWTPH-G			
	NWTPH-G			
	NWTPH-Dx			
	1664 SGT HEM (TPH)			
	1664 HEM (FOG)			
	8260/624 VOA			
	8260 CHLOR SOLVENTS			
	8270/625 SEMI VOA			
	8270 PAH/PNA			
	8082/808 PCB			
	TOTAL METALS RCRA 8			
	TOTAL METALS (SPECIFY)			
	TCLP METALS RCRA 8			
	TCLP METALS (SPECIFY)			
	PH 9040/9045			
	TX/TOX 9076			
	TURBIDITY			
	FLASH POINT			
	BOD			
	SOLIDS (SPECIFY)			
	Fecal Coliform - MPN or MF			
	Hg by 1631E			

SPECIAL INSTRUCTIONS/COMMENTS * see attached quote and TAT

Sample Receipt (lab use only)	SIGNATURE	PRINTED NAME	COMPANY	DATE	TIME
Total # of containers _____	<i>S.B.</i>	S. Beck	Spectra-Tacoma	4/5/2021	1500
COC seals present? _____ Intact? _____	<i>Marie Holt</i>	Marie Holt		4/10/21	1532
Temp at receipt _____ deg. C					
Received within hold time?					
Proper sample containers?					
Received via _____ Cooler? _____					
RELINQUISHED BY					
RECEIVED BY					
RELINQUISHED BY					
RECEIVED BY					

SPECTRA Laboratories

2221 Ross Way, Tacoma, WA 98421
 (253) 272-4850 Fax (253) 572-9838
 www.spectra-lab.com info@spectra-lab.com

SPECIAL INSTRUCTIONS/COMMENTS:

CHAIN OF CUSTODY

SPECTRA PROJECT #
 2021040037

Return Samples: **N** Page 1 of 3

STANDARD

RUSH

ADDRESS CHANGE

ADDRESS:

CLIENT: *Port of Tacoma*

PROJECT: *LWCLFS*

CONTACT: *Sasser*

SAMPLED BY: *Sasser*

PHONE: *253-383-9439* FAX:

e-MAIL: *Sasser@portoftacomg.com* or e-MAIL

PURCHASE ORDER # *071389*

SAMPLE ID DATE SAMPLED TIME SAMPLED MATRIX

HYDROCARBONS		ORGANICS		METALS		OTHER	
NWTPH-HCID		8260/624 VOA		TOTAL METALS RCRA 8		PH 9040/9045	
BTEX		8260 CHLOR SOLVENTS		TOTAL METALS (SPECIFY)		TX/TOX/EOX	
BTEX/NWTPH-G		8270-625 SEMI VOA		TCLP METALS RCRA 8		TURBIDITY	
NWTPH-G		8270 PAH/PNA		TCLP METALS (SPECIFY)		FLASH POINT	
NWTPH-Dx		8082/608 PCB				BOD	
1664 SGT-HEM (TPH)						SOLIDS (SPECIFY)	
1664 HEM (FOG)							

1	S-1	04/02/13	1339	soil	2															
2	S-2		1330																	
3	S-3		1320																	
4	S-4		1309																	
5	S-5		1255																	
6	S-6		1245																	
7	S-7		1234																	
8	S-8		1229																	
9	S-9		1220																	
10	S-10																			

LAB USE ONLY

SIGNATURE

PRINTED NAME

COMPANY

DATE

TIME

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

[Signature]

Staley Sasser

PORT

04/02

1457

[Signature]

Spectra

4-2-21

1459

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2% per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue. Spectra Laboratories, LLC

SPECTRA Laboratories

2221 Ross Way, Tacoma, WA 98421
 (253) 272-4850 Fax (253) 572-9838
 www.spectra-lab.com info@spectra-lab.com

SPECIAL INSTRUCTIONS/COMMENTS:

CHAIN OF CUSTODY

SPECTRA PROJECT #
 2021040037

Return Samples: **Y** **N** Page 2 of 3

STANDARD **RUSH**

ADDRESS:

ADDRESS CHANGE

CLIENT: *Port of Tacoma*

PROJECT:

CONTACT:

SAMPLED BY:

PHONE:

FAX:

e-MAIL:

Prefer FAX
 or e-MAIL

PURCHASE ORDER #

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX
1	04/02	1211	soil
2		1202	
3		1155	
4		1145	
5		1108	
6		1059	
7		1051	
8		1042	
9		1034	
10		1025	

NUMBER OF CONTAINERS

HYDROCARBONS	ORGANICS	METALS	OTHER
NWTPH-HCID	8260/624 VOA	TOTAL METALS RCRA 8	PH 9040/9045
BTEX	8260 CHLOR SOLVENTS	TOTAL METALS (SPECIFY)	TX/TOX/EOX
BTEX/NWTPH-G	8270-625 SEMI VOA	TCLP METALS RCRA 8	TURBIDITY
NWTPH-G	8270 PAH/PNA	TCLP METALS (SPECIFY)	FLASH POINT
NWTPH-Dx	8082/608 PCB		BOD
1664 SGT-HEM (TPH)			SOLIDS (SPECIFY)
1664 HEM (FOG)			

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX	NUMBER OF CONTAINERS	HYDROCARBONS	ORGANICS	METALS	OTHER
1	04/02	1211	soil	2	X	X	X	
2		1202						
3		1155						
4		1145						
5		1108						
6		1059						
7		1051						
8		1042						
9		1034						
10		1025						

LAB USE ONLY

SIGNATURE

PRINTED NAME

COMPANY

DATE

TIME

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

Stenly H. Sessy

Paul

07/02

1457

Stenly H. Sessy

Spectra

4-2-21

14:57

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2% per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue. Spectra Laboratories, LLC

SPECTRA Laboratories

2221 Ross Way, Tacoma, WA 98421
 (253) 272-4850 Fax (253) 572-9838
 www.spectra-lab.com info@spectra-lab.com

SPECIAL INSTRUCTIONS/COMMENTS:

CHAIN OF CUSTODY

SPECTRA PROJECT #
 2021040037

Return Samples: Y N Page 3 of 3

STANDARD RUSH

ADDRESS:

ADDRESS CHANGE

CLIENT: Port of Tacoma

HYDROCARBONS

ORGANICS

METALS

OTHER

PROJECT: _____
 CONTACT: _____
 SAMPLED BY: _____
 PHONE: _____ FAX: _____
 e-MAIL: _____
 PURCHASE ORDER # _____

DATE SAMPLED: _____ TIME SAMPLED: _____ MATRIX: _____

NUMBER OF CONTAINERS	HYDROCARBONS	ORGANICS	METALS	OTHER
	NWTPH-HCID		TOTAL METALS RCRA 8	PH 9040/9045
	BTEX		TOTAL METALS (SPECIFY)	TX/TOX/EOX
	BTEX/NWTPH-G		TCLP METALS RCRA 8	TURBIDITY
	NWTPH-G		TCLP METALS (SPECIFY)	FLASH POINT
	NWTPH-Dx			BOD
	1664 SGT-HEM (TPH)			SOLIDS (SPECIFY)
	1664 HEM (FOG)			
	8260/624 VOA			
	8260 CHLOR SOLVENTS			
	8270-625 SEMI VOA			
	8270 PAH/PNA			
	8082/608 PCB			

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX	HYDROCARBONS	ORGANICS	METALS	OTHER
1 S-21	04/02/21	1018	Soil	X	X	X	
2 S-22		1007					
3 S-23		0959					
4 S-24		0936					
5 S-25		0949					
6							
7							
8							
9							
10							

LAB USE ONLY	SIGNATURE	PRINTED NAME	COMPANY	DATE	TIME
RELINQUISHED BY	<i>[Signature]</i>	Shelly H. Sisson	Port 1	04/02	1457
RECEIVED BY	<i>[Signature]</i>	Yvonne Holt	Spectra	4-2-21	14:57
RELINQUISHED BY					
RECEIVED BY					

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2% per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue. Spectra Laboratories, LLC

05/12/2021

Port of Tacoma
PO Box 1837
Tacoma, WA 98401
Attn: Stanley Sasser

P.O.#: 71389
Project: LWCHS
Sample Matrix: Soil
Date Sampled: 05/10/2021
Date Received: 05/10/2021
Spectra Project: 2021050231
Rush

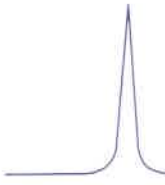
<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analyzed</u>
S-18 5-10"	1	Total Arsenic	10.8	mg/Kg	SW846 6010D	05/12/2021
S-18 11-22"	2	Total Arsenic	15.4	mg/Kg	SW846 6010D	05/12/2021
S-19 5-10"	3	Total Arsenic	21.5	mg/Kg	SW846 6010D	05/12/2021
S-19 11-22"	4	Total Arsenic	40.0	mg/Kg	SW846 6010D	05/12/2021
S-24 5-10"	5	Total Arsenic	23.8	mg/Kg	SW846 6010D	05/12/2021
S-24 11-22"	6	Total Arsenic	28.0	mg/Kg	SW846 6010D	05/12/2021
S-25 5-10"	7	Total Arsenic	16.8	mg/Kg	SW846 6010D	05/12/2021
S-25 11-22"	8	Total Arsenic	5.8	mg/Kg	SW846 6010D	05/12/2021

SPECTRA LABORATORIES



Marie Holt, Customer Support & Proj. Manager

a7/scj



SPECTRA Laboratories

...Where experience matters

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

5/12/2021

Port of Tacoma
 PO Box 1837
 Tacoma, WA 98401

Units: mg/Kg
 Spectra Project: 2021050231
 Applies to Spectra #'s 1-8
 Analyst: SCJ

QUALITY CONTROL RESULTS
ICP Metals SW846 6010D - Soil/Solid

Method Blank

Date Digested: 5/12/2021 Date Analyzed: 5/12/2021

Element	Blank Result
Arsenic	< 2.5

Laboratory Control Sample (LCS)

Date Digested: 5/12/2021 Date Analyzed: 5/12/2021

Element	Spike Added	LCS Conc.	LCS %Rec
Arsenic	200.0	189.4	94.7

LCS Recovery limits 80-120%

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Date Digested: 5/12/2021 Date Analyzed: 5/12/2021
 Sample Spiked: 2021050231-1

Element	Sample Conc.	Spike Conc.	MS Conc.	MS %Rec	MSD Conc	MSD %Rec	RPD
Arsenic	21.7	200.0	205.9	92.1	205.4	91.9	0.3

Comment:
 Recovery Limits 75-125%
 RPD Limit 20

SPECTRA LABORATORIES

Communications Record

Internal Document

Client: Port of Tacoma

Client Contact: Stanley Sasser

Date: 5-11-21

Time: 11:08

Spectra Contact: Marie Holt

Project: LWCHS

Spectra Project: 2021050231

Stanley called and asked us to change the ID's
Change sample ID's containing 10-22" to 11-22"

He didn't sample the 10" layer twice.

SPECTRA Laboratories

2221 Ross Way, Tacoma, WA 98421
 (253) 272-4850 Fax (253) 572-9838
 www.spectra-lab.com info@spectra-lab.com

SPECIAL INSTRUCTIONS/COMMENTS:

- Need this as quick as possible
 - Arsenic only 3 days

CHAIN OF CUSTODY

SPECTRA PROJECT #
 2021050231

Return Samples: **Y** **N** Page 1 of 1

STANDARD RUSH

CLIENT: Port of Tacoma ADDRESS: ADDRESS CHANGE

PROJECT: LULCLTS

CONTACT: Stanley Sasser

SAMPLED BY: Sasser

PHONE: 253-393-9439 FAX:

e-MAIL: Prefer FAX or e-MAIL

PURCHASE ORDER # 71389 com

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX
1 S-18 5-10"	May 10/21	1140	Soil
2 S-18 10-22"		1130	
3 S-19 5-10"		1215	
4 S-19 10-22"		1220	
5 S-24 5-10"		1015	
6 S-24 10-22"		1010	
7 S-25 5-10"		1045	
8 S-25 10-22"		1040	
9			
10			

NUMBER OF CONTAINERS			
HYDROCARBONS	ORGANICS	METALS	OTHER
NWTPH-HCID			
BTEX			
BTEX/NWTPH-G			
NWTPH-G			
NWTPH-Dx			
1664 SGT-HEM (TPH)			
1664 HEM (FOG)			
8260/624 VOA			
8260 CHLOR SOLVENTS			
8270-625 SEMI VOA			
8270 PAH/PNA			
8082/608 PCB			
TOTAL METALS RCRA 8			
TOTAL METALS (SPECIFY)		Arsenic	
TCLP METALS RCRA 8			
TCLP METALS (SPECIFY)			
PH 9040/9045			
TX/TOX/EOX			
TURBIDITY			
FLASH POINT			
BOD			
SOLIDS (SPECIFY)			

LAB USE ONLY		SIGNATURE		PRINTED NAME		COMPANY		DATE		TIME	
RELINQUISHED BY		<i>St. Sasser</i>		Stanley Sasser		Port		5/10/21		1356	
RECEIVED BY		<i>Marie Holt</i>		MARIE HOLT		Spectra		5-10-21		1358	
RELINQUISHED BY											
RECEIVED BY											

T = 12.6

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2% per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue. Spectra Laboratories, LLC

Appendix B

Observations from Anchor QEA Test Pit and Hand Auger Investigations

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-26	5/14/2021	1176440.6	703977.8	N	--	0-5	P14-S-26-0-5-2021		X	
						5-10	P14-S-26-5-10-2021	X		
						30-36	P14-S-26-30-36-2021		X	
P-14-S-27	5/14/2021	1176530.4	703974.0	N	--	0-5	P14-S-27-0-5-2021		X	
						5-10	P14-S-27-5-10-2021	X		
						30-36	P14-S-27-30-36-2021		X	
P-14-S-28	5/14/2021	1176353.1	703896.5	N	--	0-5	P14-S-28-0-5-2021		X	
						5-10	P14-S-28-5-10-2021	X		
						30-36	P14-S-28-30-36-2021		X	
P-14-S-29	5/14/2021	1176434.0	703891.0	N	--	0-5	P14-S-29-0-5-2021		X	
						5-10	P14-S-29-5-10-2021	X		
						30-36	P14-S-29-30-36-2021		X	
P-14-S-30	5/14/2021	1176528.0	703891.8	N	--	0-5	P14-S-30-0-5-2021		X	
						5-10	P14-S-30-5-10-2021	X		
						30-36	P14-S-30-30-36-2021		X	
P-14-S-31	5/14/2021	1176603.5	703888.5	Y	5 - 36	0-5	P14-S-31-0-5-2021		X	
						48-54	P14-S-31-48-54-2021	X		
P-14-S-32	5/14/2021	1176263.5	703805.2	N	--	0-5	P14-S-32-0-5-2021		X	
						5-10	P14-S-32-5-10-2021	X		
						30-36	P14-S-32-30-36-2021		X	

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-33	5/14/2021	1176353.2	703804.6	N	--	0-5	P14-S-33-0-5-2021		X	
						5-10	P14-S-33-5-10-2021	X		
						30-36	P14-S-33-30-36-2021		X	
P-14-S-34	5/14/2021	1176433.9	703804.9	N	--	0-5	P14-S-34-0-5-2021		X	
						5-10	P14-S-34-5-10-2021	X		
						30-36	P14-S-34-30-36-2021		X	
P-14-S-35	5/14/2021	1176522.8	703803.8	N	--	0-5	P14-S-35-0-5-2021		X	
						5-10	P14-S-35-5-10-2021	X		
						30-36	P14-S-35-30-36-2021		X	
P-14-S-36	5/14/2021	1176597.1	703799.0	Y	12 - 24	0-5	P14-S-36-0-5-2021		X	
						36-42	P14-S-36-36-42-2021	X		
						42-48	P14-S-36-42-48-2021		X	
P-14-S-37	5/14/2021	1176517.2	703716.5	Y	12 - 24	0-5	P14-S-37-0-5-2021		X	
						36-42	P14-S-37-36-42-2021	X		
						42-45	P14-S-37-42-45-2021		X	
P-14-S-38	5/14/2021	1176597.1	703717.5	Y	5 - 16	0-5	P14-S-38-0-5-2021		X	
						28-34	P14-S-38-28-34-2021	X		
						34-40	P14-S-38-34-40-2021		X	
P-14-S-39	5/14/2021	1176336.7	703395.0	N	--	0-5	P14-S-39-0-5-2021		X	
						5-10	P14-S-39-5-10-2021	X		
						30-36	P14-S-39-30-36-2021		X	
P-14-S-40	5/14/2021	1176420.3	703391.8	N	--	0-5	P14-S-40-0-5-2021		X	
						5-10	P14-S-40-5-10-2021	X		
						30-36	P14-S-40-30-36-2021		X	

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-41	5/14/2021	1176496.9	703390.7	N	--	0-5	P14-S-41-0-5-2021		X	
						5-10	P14-S-41-5-10-2021	X		
						18-24	P14-S-41-18-24-2021	X		
						30-36	P14-S-41-30-36-2021		X	X
	6/1/2021	1176496.9	703390.7	N	--	18-24	P14-S-41-18-24-2021	X		
P-14-S-42	5/14/2021	1176329.7	703321.2	Y	6	0-5	P14-S-42-0-5-2021		X	
						18-24	P14-S-42-18-24-2021	X		
						30-36	P14-S-42-30-36-2021		X	
P-14-S-43	5/14/2021	1176419.6	703324.5	N	--	0-5	P14-S-43-0-5-2021		X	
						5-10	P14-S-43-5-10-2021	X		
						30-36	P14-S-43-30-36-2021		X	
P-14-S-44	5/14/2021	1176498.7	703316.5	N	--	0-5	P14-S-44-0-5-2021		X	
						5-10	P14-S-44-5-10-2021	X		
						30-36	P14-S-44-30-36-2021		X	
P-14-S-45	5/14/2021	1176586.2	703311.6	N	--	0-5	P14-S-45-0-5-2021		X	
						5-10	P14-S-45-5-10-2021	X		
						30-36	P14-S-45-30-36-2021		X	
P-14-S-46	5/14/2021	1176320.4	703236.0	Y	7 - 12	0-5	P14-S-46-0-5-2021		X	
						24-30	P14-S-46-24-30-2021	X		
						30-36	P14-S-46-30-36-2021		X	
P-14-S-47	5/14/2021	1176410.6	703237.6	Y	5 - 14	0-5	P14-S-47-0-5-2021		X	
						26-32	P14-S-47-26-32-2021	X		
						32-38	P14-S-47-32-38-2021		X	

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-48	5/14/2021	1176494.2	703241.2	Y	5 - 16	0-5	P14-S-48-0-5-2021		X	
						28-34	P14-S-48-28-34-2021	X		
						34-40	P14-S-48-34-40-2021		X	
P-14-S-49	5/14/2021	1176593.9	703243.3	Y	5 - 12	0-5	P14-S-49-0-5-2021		X	
						24-30	P14-S-49-24-30-2021	X		
						30-36	P14-S-49-30-36-2021		X	
P-14-S-50	5/14/2021	1176506.6	703171.6	N	--	0-5	P14-S-50-0-5-2021		X	
						5-10	P14-S-50-5-10-2021	X		
						30-36	P14-S-50-30-36-2021		X	
P-14-S-51	5/14/2021	1176591.2	703169.0	N	--	0-5	P14-S-51-0-5-2021		X	
						5-10	P14-S-51-5-10-2021	X		
						30-36	P14-S-51-30-36-2021		X	
P-14-S-52	5/14/2021	1176236.2	703241.3	N	--	0-5	P14-S-52-0-5-2021		X	
						5-10	P14-S-52-5-10-2021	X		
						30-36	P14-S-52-30-36-2021		X	
P-14-S-53	5/14/2021	1176240.1	703312.1	Y	3 - 7	0-5	P14-S-53-0-5-2021		X	
						19-25	P14-S-53-19-25-2021	X		
						30-36	P14-S-53-30-36-2021		X	
P-14-S-54	5/17/2021	1176239.4	703387.6	Y	17-29	0-5	P14-S-54-0-5-2021		X	
						29-41	P14-S-54-29-41-2021		X	
						41-47	P14-S-54-41-47-2021	X		
P-14-S-55	5/17/2021	1176153.0	703313.2	N	--	0-5	P14-S-55-0-5-2021		X	
						5-10	P14-S-55-5-10-2021	X		
						30-36	P14-S-55-30-36-2021		X	

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-56	5/17/2021	1176322.8	703177.5	N	--	0-5	P14-S-56-0-5-2021		X	
						5-10	P14-S-56-5-10-2021	X		
						30-36	P14-S-56-30-36-2021		X	
P-14-S-57	5/17/2021	1176409.1	703174.8	N	--	0-5	P14-S-57-0-5-2021		X	
						5-10	P14-S-57-5-10-2021	X		
						30-36	P14-S-57-30-36-2021		X	
P-14-S-58	5/17/2021	1176594.1	703623.5	Y	10-12	0-5	P14-S-58-0-5-2021		X	
						24-30	P14-S-58-24-30-2021	X		
						30-36	P14-S-58-30-36-2021		X	
P-14-S-59	5/17/2021	1176524.1	703626.0	Y	27-29	0-5	P14-S-59-0-5-2021		X	
						35-41	P14-S-59-35-41-2021		X	
						41-47	P14-S-59-41-47-2021	X		
P-14-S-60	5/17/2021	1176431.5	703716.9	Y	20-30	0-5	P14-S-60-0-5-2021		X	
						32-40	P14-S-60-32-40-2021		X	
						40-46	P14-S-60-40-46-2021	X		
P-14-S-61	5/17/2021	1176604.2	703960.9	N	--	0-5	P14-S-61-0-5-2021		X	
						5-10	P14-S-61-5-10-2021	X		
						30-36	P14-S-61-30-36-2021		X	
P-14-S-62	5/17/2021	1176254.8	703478.7	N	--	0-5	P14-S-62-0-5-2021		X	
						5-10	P14-S-62-5-10-2021	X		
						30-36	P14-S-62-30-36-2021		X	
P-14-S-63	5/17/2021	1176160.4	703395.2	N	--	0-5	P14-S-63-0-5-2021		X	
						5-10	P14-S-63-5-10-2021	X		
						30-36	P14-S-63-30-36-2021		X	

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-64	5/17/2021	1176430.9	703634.3	N	--	0-5	P14-S-64-0-5-2021		X	
						5-10	P14-S-64-5-10-2021	X		
						30-36	P14-S-64-30-36-2021		X	
P-14-S-65	5/17/2021	1176361.3	703716.7	N	--	0-5	P14-S-65-0-5-2021		X	
						5-10	P14-S-65-5-10-2021	X		
						30-36	P14-S-65-30-36-2021		X	
P-14-S-66	5/17/2021	1176528.3	703538.5	N	--	0-5	P14-S-66-0-5-2021		X	
						5-10	P14-S-66-5-10-2021	X		
						30-36	P14-S-66-30-36-2021		X	X
	6/1/2021	1176528.3	703538.5	N	--	18-24	P14-S-66-18-24-2021	X		
P-14-S-67	5/17/2021	1176585.5	703537.0	N	--	0-5	P14-S-67-0-5-2021		X	
						5-10	P14-S-67-5-10-2021	X		
						30-36	P14-S-67-30-36-2021		X	X
	6/1/2021	1176585.5	703537.0	N	--	18-24	P14-S-67-18-24-2021	X		
P-14-S-68	6/1/2021	1176594.953	703912.6445	N	--	27	P14-S-68-27-2021	X		
P-14-S-69	6/1/2021	1176569.408	703885.8082	N	--	27	P14-S-69-27-2021	X		
P-14-S-70	6/1/2021	1176568.583	703800.539	N	--	21	P14-S-70-21-2021	X		
P-14-S-71	6/1/2021	1176526.928	703746.9299	N	--	21	P14-S-71-21-2021	X		
P-14-S-72	6/1/2021	1176439.038	703747.7537	N	--	21	P14-S-72-21-2021	X		
P-14-S-73	6/1/2021	1176408.125	703716.8233	N	--	21	P14-S-73-21-2021	X		
P-14-S-74	6/1/2021	1176439.24	703689.3883	N	--	21	P14-S-74-21-2021	X		
P-14-S-75	6/1/2021	1176493.015	703628.7415	N	--	21	P14-S-75-21-2021	X		
P-14-S-76	6/1/2021	1176524.92	703593.6963	N	--	21	P14-S-76-21-2021	X		
P-14-S-77	6/1/2021	1176591.256	703594.6421	N	--	18	P14-S-77-18-2021	X		

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-78	6/1/2021	1176571.057	703461.4157	N	--	5-10	P14-S-78-5-10-2021	X		
						18-24	P14-S-78-18-24-2021	X		
						30-36	P14-S-78-30-36-2021		X	
P-14-S-79	6/1/2021	1176502.391	703461.5624	Y	12-24	5-10	P14-S-79-5-10-2021		X	
						18-24	P14-S-79-18-24-2021		X	
						30-36	P14-S-79-30-36-2021		X	
						36-40	P14-S-79-36-40-2021	X		
P-14-S-80	6/1/2021	1176536.452	703387.326	N	--	5-10	P14-S-80-5-10-2021	X		
						18-24	P14-S-80-18-24-2021	X		
						30-36	P14-S-80-30-36-2021		X	
P-14-S-81	6/1/2021	1176238.235	703418.2193	Y	5-34	---	No Sample (Stepped out)	---		
P-14-S-82	6/1/2021	1176211.035	703387.737	N	--	21	P14-S-82-21-2021	X		
P-14-S-83	6/1/2021	1176275.299	703387.841	N	--	21	P14-S-83-21-2021	X		
P-14-S-84	6/1/2021	1176326.199	703346.5459	N	--	12	P14-S-84-12-2021	X		
P-14-S-85	6/1/2021	1176211.071	703312.4747	Y	18	---	No Sample (Stepped out)	---		
P-14-S-86	6/1/2021	1176359.605	703312.7697	N	--	12	P14-S-86-12-2021	X		
P-14-S-87	6/1/2021	1176238.813	703288.4777	N	--	12	P14-S-87-12-2021	X		
P-14-S-88	6/1/2021	1176292.311	703237.7764	N	--	15	P14-S-88-15-2021	X		
P-14-S-89	6/1/2021	1176414.059	703264.9866	N	--	15	P14-S-89-15-2021	X		
P-14-S-90	6/1/2021	1176502.079	703264.1612	Y	5	---	No Sample (Stepped out)	---		
P-14-S-91	6/1/2021	1176589.179	703264.503	N	--	15	P14-S-91-15-2021	X		
P-14-S-92	6/1/2021	1176325.939	703214.7341	Y	8-20	---	No Sample (Stepped out)	---		
P-14-S-93	6/1/2021	1176413.962	703215.5566	N	--	15	P14-S-93-15-2021	X		
P-14-S-94	6/1/2021	1176501.981	703214.7328	N	--	15	P14-S-94-15-2021	X		

Table B-1
Anchor QEA Field Observations and Testing Summary Table

Station	Date	X	Y	Slag (Y/N)	Slag Depth (inches bgs)	Sample Depth (inches bgs)	Sample ID	Test	Archive	Archive Triggered
P-14-S-95	6/1/2021	1176590.004	703215.5553	N	--	15	P14-S-95-15-2021	X		
P-14-S-96	6/1/2021	1176493.039	703538.5707	N	--	18	P14-S-96-18-2021	X		
P-14-S-97	6/1/2021	1176511.991	703493.3313	N	--	5-10	P14-S-97-5-10-2021	X		
						18-24	P14-S-97-18-24-2021	X		
						30-36	P14-S-97-30-36-2021		X	
P-14-S-98	6/1/2021	1176534.081	703463.1274	N	--	5-10	P14-S-98-5-10-2021	X		
						18-24	P14-S-98-18-24-2021	X		
						30-36	P14-S-98-30-36-2021		X	
P-14-S-99	6/1/2021	1176503.334	703436.5867	N	--	5-10	P14-S-99-5-10-2021	X		
						18-24	P14-S-99-18-24-2021	X		
						30-36	P14-S-99-30-36-2021		X	
P-14-S-100	6/1/2021	1176477.989	703467.3237	N	--	5-10	P14-S-100-5-10-2021	X		
						18-24	P14-S-100-18-24-2021	X		
						30-36	P14-S-100-30-36-2021		X	
P-14-S-101	6/1/2021	1176504.887	703293.2137	N	--	15	P14-S-101-15-2021	X		
P-14-S-102	6/1/2021	1176324.274	703198.775	N	--	15	P14-S-102-15-2021	X		
P-14-S-103	6/1/2021	1176247.81	703451.6933	N	--	21	P14-S-103-21-2021	X		
P-14-S-104	6/1/2021	1176181.638	703317.5047	N	--	12	P14-S-104-12-2021	X		
P-14-S-105	6/11/2021	1176304.421	703388.279	N	--	21	P14-S-105-21-2021	X		

Notes:

Coordinates are in NAD 83 Washington State Plane South U.S. Survey feet

bgs: below ground surface

Sample exceeds MTCA Method A for arsenic (20 mg/kg)

Appendix C

Analytical Testing Data from Anchor QEA Soil Sampling Efforts

ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103094-1
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields

M. Elaine Walker

Authorized for release by:
5/19/2021 2:41:57 PM
Elaine Walker, Project Manager II
(253)248-4972
m.elaine.walker@eurofinset.com
Designee for
Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Job ID: 580-103094-1

Laboratory: Eurofins FGS, Seattle

Narrative

Job Narrative 580-103094-1

Receipt

The samples were received on 5/15/2021 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.7° C, 5.6° C, 5.7° C and 12.4° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: 580-103094-13, -14, -15, -49, -50, -53, -54, -55, -56, -57, -58, -59, -60, -61, -62, -63, -64, -65, -66, & -67. Cooler #2 was out of temp. at 12.4C. Temperature was taken of all samples and they were all out of temp. Some of these samples were archived and not analyzed per the COC.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Qualifiers

Metals

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-27-5-10-2021

Lab Sample ID: 580-103094-1

Date Collected: 05/14/21 16:26

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.1		0.1		%			05/17/21 17:02	1
Percent Moisture	9.9		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-27-5-10-2021

Lab Sample ID: 580-103094-1

Date Collected: 05/14/21 16:26

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 90.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		0.46		mg/Kg	☼	05/17/21 13:45	05/18/21 20:31	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-26-5-10-2021

Lab Sample ID: 580-103094-5

Date Collected: 05/14/21 16:21

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.4		0.1		%			05/17/21 17:02	1
Percent Moisture	16.6		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-26-5-10-2021

Lab Sample ID: 580-103094-5

Date Collected: 05/14/21 16:21

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 83.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.53		mg/Kg	✱	05/17/21 13:45	05/18/21 21:13	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-29-5-10-2021

Lab Sample ID: 580-103094-9

Date Collected: 05/14/21 16:16

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.7		0.1		%			05/17/21 17:02	1
Percent Moisture	6.3		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-29-5-10-2021

Lab Sample ID: 580-103094-9

Date Collected: 05/14/21 16:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		0.37		mg/Kg	✱	05/17/21 13:45	05/18/21 21:16	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-30-5-10-2021

Lab Sample ID: 580-103094-13

Date Collected: 05/14/21 15:01

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.2		0.1		%			05/17/21 17:02	1
Percent Moisture	6.8		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-30-5-10-2021

Lab Sample ID: 580-103094-13

Date Collected: 05/14/21 15:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.2

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.34		mg/Kg	✱	05/17/21 13:45	05/18/21 21:20	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-35-5-10-2021

Lab Sample ID: 580-103094-14

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.8		0.1		%			05/17/21 17:02	1
Percent Moisture	10.2		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-35-5-10-2021

Lab Sample ID: 580-103094-14

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		0.33		mg/Kg	✱	05/17/21 13:45	05/18/21 21:24	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-31-48-54-2021

Lab Sample ID: 580-103094-15

Date Collected: 05/14/21 15:41

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	72.4		0.1		%			05/17/21 17:02	1
Percent Moisture	27.6		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-31-48-54-2021

Lab Sample ID: 580-103094-15

Date Collected: 05/14/21 15:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 72.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		0.52		mg/Kg	☼	05/17/21 13:45	05/18/21 21:28	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-42-18-26-2021

Lab Sample ID: 580-103094-22

Date Collected: 05/14/21 11:51

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.5		0.1		%			05/17/21 17:02	1
Percent Moisture	16.5		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-42-18-26-2021

Lab Sample ID: 580-103094-22

Date Collected: 05/14/21 11:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 83.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0		0.35		mg/Kg	✱	05/17/21 13:45	05/18/21 21:32	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-39-5-10-2021

Lab Sample ID: 580-103094-23

Date Collected: 05/14/21 11:41

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	81.4		0.1		%			05/17/21 17:02	1
Percent Moisture	18.6		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-39-5-10-2021

Lab Sample ID: 580-103094-23

Date Collected: 05/14/21 11:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 81.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		0.44		mg/Kg	☼	05/17/21 13:45	05/18/21 21:36	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-50-5-10-2021

Lab Sample ID: 580-103094-24

Date Collected: 05/14/21 10:36

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	77.9		0.1		%			05/17/21 17:02	1
Percent Moisture	22.1		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-50-5-10-2021

Lab Sample ID: 580-103094-24

Date Collected: 05/14/21 10:36

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 77.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		0.42		mg/Kg	☼	05/17/21 13:45	05/18/21 21:39	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-47-26-32-2021

Lab Sample ID: 580-103094-28

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	79.7		0.1		%			05/17/21 17:02	1
Percent Moisture	20.3		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-47-26-32-2021

Lab Sample ID: 580-103094-28

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 79.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		0.38		mg/Kg	✱	05/17/21 13:45	05/18/21 21:43	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-51-5-10-2021

Lab Sample ID: 580-103094-34

Date Collected: 05/14/21 09:31

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	78.1		0.1		%			05/17/21 17:02	1
Percent Moisture	21.9		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-51-5-10-2021

Lab Sample ID: 580-103094-34

Date Collected: 05/14/21 09:31

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 78.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		0.60		mg/Kg	✱	05/17/21 13:45	05/18/21 20:27	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-46-26-36-2021

Lab Sample ID: 580-103094-36

Date Collected: 05/14/21 10:51

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.8		0.1		%			05/17/21 17:02	1
Percent Moisture	6.2		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-46-26-36-2021

Lab Sample ID: 580-103094-36

Date Collected: 05/14/21 10:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4		0.38		mg/Kg	☼	05/17/21 13:45	05/18/21 22:02	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-48-28-34-2021

Lab Sample ID: 580-103094-40

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	72.7		0.1		%			05/17/21 17:02	1
Percent Moisture	27.3		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-48-28-34-2021

Lab Sample ID: 580-103094-40

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 72.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.2		0.43		mg/Kg	✱	05/17/21 13:45	05/18/21 22:06	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-49-24-30-2021

Lab Sample ID: 580-103094-41

Date Collected: 05/14/21 10:31

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.9		0.1		%			05/17/21 17:02	1
Percent Moisture	8.1		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-49-24-30-2021

Lab Sample ID: 580-103094-41

Date Collected: 05/14/21 10:31

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 91.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.29		mg/Kg	✱	05/17/21 13:45	05/18/21 22:10	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	85.8		0.1		%			05/17/21 17:02	1
Percent Moisture	14.2		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 85.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	29		0.36		mg/Kg	☼	05/17/21 13:45	05/18/21 22:14	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-40-5-10-2021

Lab Sample ID: 580-103094-46

Date Collected: 05/14/21 12:01

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87.8		0.1		%			05/17/21 17:02	1
Percent Moisture	12.2		0.1		%			05/17/21 17:02	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-40-5-10-2021

Lab Sample ID: 580-103094-46

Date Collected: 05/14/21 12:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 87.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.7		0.42		mg/Kg	☼	05/17/21 13:45	05/18/21 22:18	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-44-5-10-2021

Lab Sample ID: 580-103094-49

Date Collected: 05/14/21 11:16

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.7		0.1		%			05/17/21 18:26	1
Percent Moisture	10.3		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-44-5-10-2021

Lab Sample ID: 580-103094-49

Date Collected: 05/14/21 11:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		0.43		mg/Kg	✱	05/17/21 13:45	05/18/21 22:22	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-43-5-10-2021

Lab Sample ID: 580-103094-52

Date Collected: 05/14/21 11:26

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.7		0.1		%			05/17/21 18:26	1
Percent Moisture	10.3		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-43-5-10-2021

Lab Sample ID: 580-103094-52

Date Collected: 05/14/21 11:26

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		0.33		mg/Kg	✱	05/17/21 13:45	05/18/21 22:25	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-53-19-25-2021

Lab Sample ID: 580-103094-54

Date Collected: 05/14/21 13:26

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	80.7		0.1		%			05/17/21 18:26	1
Percent Moisture	19.3		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-53-19-25-2021

Lab Sample ID: 580-103094-54

Date Collected: 05/14/21 13:26

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 80.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		0.37		mg/Kg	☼	05/17/21 13:48	05/18/21 18:09	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-52-5-10-2021

Lab Sample ID: 580-103094-56

Date Collected: 05/14/21 13:16

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.9		0.1		%			05/17/21 18:26	1
Percent Moisture	10.1		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-52-5-10-2021

Lab Sample ID: 580-103094-56

Date Collected: 05/14/21 13:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5		0.43		mg/Kg	☼	05/17/21 13:48	05/18/21 18:51	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-45-5-10-2021

Lab Sample ID: 580-103094-61

Date Collected: 05/14/21 11:06

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.6		0.1		%			05/17/21 18:26	1
Percent Moisture	6.4		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-45-5-10-2021

Lab Sample ID: 580-103094-61

Date Collected: 05/14/21 11:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.41		mg/Kg	☼	05/17/21 13:48	05/18/21 18:55	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-36-36-42-2021

Lab Sample ID: 580-103094-66

Date Collected: 05/14/21 15:18

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87.1		0.1		%			05/17/21 18:26	1
Percent Moisture	12.9		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-36-36-42-2021

Lab Sample ID: 580-103094-66

Date Collected: 05/14/21 15:18

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 87.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		0.50		mg/Kg	✱	05/17/21 13:48	05/18/21 18:59	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-38-28-34-2021

Lab Sample ID: 580-103094-67

Date Collected: 05/14/21 15:06

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	85.4		0.1		%			05/17/21 18:26	1
Percent Moisture	14.6		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-38-28-34-2021

Lab Sample ID: 580-103094-67

Date Collected: 05/14/21 15:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 85.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		0.31		mg/Kg	☼	05/17/21 13:48	05/18/21 19:02	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-32-5-10-2021

Lab Sample ID: 580-103094-69

Date Collected: 05/14/21 13:41

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.8		0.1		%			05/17/21 18:26	1
Percent Moisture	13.2		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-32-5-10-2021

Lab Sample ID: 580-103094-69

Date Collected: 05/14/21 13:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 86.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		0.40		mg/Kg	☼	05/17/21 13:48	05/18/21 19:06	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-28-5-10-2021

Lab Sample ID: 580-103094-70

Date Collected: 05/14/21 13:51

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.3		0.1		%			05/17/21 18:26	1
Percent Moisture	11.7		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-28-5-10-2021

Lab Sample ID: 580-103094-70

Date Collected: 05/14/21 13:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 88.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.31		mg/Kg	☼	05/17/21 13:48	05/18/21 19:10	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-33-5-10-2021

Lab Sample ID: 580-103094-74

Date Collected: 05/14/21 14:01

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.6		0.1		%			05/17/21 18:26	1
Percent Moisture	5.4		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-33-5-10-2021

Lab Sample ID: 580-103094-74

Date Collected: 05/14/21 14:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 94.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		0.24		mg/Kg	✱	05/17/21 13:48	05/18/21 19:14	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-37-36-42-2021

Lab Sample ID: 580-103094-79

Date Collected: 05/14/21 16:55

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82.5		0.1		%			05/17/21 18:26	1
Percent Moisture	17.5		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-37-36-42-2021

Lab Sample ID: 580-103094-79

Date Collected: 05/14/21 16:55

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 82.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		0.47		mg/Kg	☼	05/17/21 13:48	05/18/21 19:18	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-34-5-10-2021

Lab Sample ID: 580-103094-83

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.9		0.1		%			05/17/21 18:26	1
Percent Moisture	13.1		0.1		%			05/17/21 18:26	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-34-5-10-2021

Lab Sample ID: 580-103094-83

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 86.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		0.43		mg/Kg	☼	05/17/21 13:48	05/18/21 19:22	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-356736/22-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 356736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/Kg		05/17/21 13:45	05/18/21 20:23	10

Lab Sample ID: LCS 580-356736/23-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 356736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	51.2		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 580-356736/24-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 356736

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	50.0	51.5		mg/Kg		103	80 - 120	1	20

Lab Sample ID: 580-103094-1 MS
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-27-5-10-2021
Prep Type: Total/NA
Prep Batch: 356736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	18		39.9	51.3		mg/Kg	☼	83	80 - 120

Lab Sample ID: 580-103094-1 MSD
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-27-5-10-2021
Prep Type: Total/NA
Prep Batch: 356736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	18		41.4	51.8		mg/Kg	☼	81	80 - 120	1	20

Lab Sample ID: 580-103094-1 DU
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-27-5-10-2021
Prep Type: Total/NA
Prep Batch: 356736

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	18		12.9	F3	mg/Kg	☼	33	20

Lab Sample ID: MB 580-356737/22-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 356737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/Kg		05/17/21 13:48	05/18/21 18:01	10

Lab Sample ID: LCS 580-356737/23-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 356737

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.6		mg/Kg		101	80 - 120

Eurofins FGS, Seattle

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCSD 580-356737/24-A
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 356737

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	50.0	51.0		mg/Kg		102	80 - 120	1	20

Lab Sample ID: 580-103094-54 MS
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-53-19-25-2021
Prep Type: Total/NA
Prep Batch: 356737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	4.2		34.8	40.0		mg/Kg	✱	103	80 - 120		

Lab Sample ID: 580-103094-54 MSD
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-53-19-25-2021
Prep Type: Total/NA
Prep Batch: 356737

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	4.2		34.8	37.0		mg/Kg	✱	94	80 - 120	8	20

Lab Sample ID: 580-103094-54 DU
Matrix: Solid
Analysis Batch: 356895

Client Sample ID: P14-S-53-19-25-2021
Prep Type: Total/NA
Prep Batch: 356737

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	4.2		4.32		mg/Kg	✱	2	20

Method: 2540G - SM 2540G

Lab Sample ID: 580-103094-83 DU
Matrix: Solid
Analysis Batch: 356764

Client Sample ID: P14-S-34-5-10-2021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Solids	86.9		89.3		%		3	20
Percent Moisture	13.1		10.7		%		20	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-27-5-10-2021

Date Collected: 05/14/21 16:26

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-27-5-10-2021

Date Collected: 05/14/21 16:26

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-1

Matrix: Solid

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 20:31	FCW	FGS SEA

Client Sample ID: P14-S-26-5-10-2021

Date Collected: 05/14/21 16:21

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-26-5-10-2021

Date Collected: 05/14/21 16:21

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-5

Matrix: Solid

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:13	FCW	FGS SEA

Client Sample ID: P14-S-29-5-10-2021

Date Collected: 05/14/21 16:16

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-29-5-10-2021

Date Collected: 05/14/21 16:16

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-9

Matrix: Solid

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:16	FCW	FGS SEA

Client Sample ID: P14-S-30-5-10-2021

Date Collected: 05/14/21 15:01

Date Received: 05/15/21 11:45

Lab Sample ID: 580-103094-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Eurofins FGS, Seattle

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-30-5-10-2021

Lab Sample ID: 580-103094-13

Date Collected: 05/14/21 15:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:20	FCW	FGS SEA

Client Sample ID: P14-S-35-5-10-2021

Lab Sample ID: 580-103094-14

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-35-5-10-2021

Lab Sample ID: 580-103094-14

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:24	FCW	FGS SEA

Client Sample ID: P14-S-31-48-54-2021

Lab Sample ID: 580-103094-15

Date Collected: 05/14/21 15:41

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-31-48-54-2021

Lab Sample ID: 580-103094-15

Date Collected: 05/14/21 15:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:28	FCW	FGS SEA

Client Sample ID: P14-S-42-18-26-2021

Lab Sample ID: 580-103094-22

Date Collected: 05/14/21 11:51

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-42-18-26-2021

Lab Sample ID: 580-103094-22

Date Collected: 05/14/21 11:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:32	FCW	FGS SEA

Client Sample ID: P14-S-39-5-10-2021

Lab Sample ID: 580-103094-23

Date Collected: 05/14/21 11:41

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-39-5-10-2021

Lab Sample ID: 580-103094-23

Date Collected: 05/14/21 11:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:36	FCW	FGS SEA

Client Sample ID: P14-S-50-5-10-2021

Lab Sample ID: 580-103094-24

Date Collected: 05/14/21 10:36

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-50-5-10-2021

Lab Sample ID: 580-103094-24

Date Collected: 05/14/21 10:36

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:39	FCW	FGS SEA

Client Sample ID: P14-S-47-26-32-2021

Lab Sample ID: 580-103094-28

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-47-26-32-2021

Lab Sample ID: 580-103094-28

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 21:43	FCW	FGS SEA

Client Sample ID: P14-S-51-5-10-2021

Lab Sample ID: 580-103094-34

Date Collected: 05/14/21 09:31

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-51-5-10-2021

Lab Sample ID: 580-103094-34

Date Collected: 05/14/21 09:31

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 20:27	FCW	FGS SEA

Client Sample ID: P14-S-46-26-36-2021

Lab Sample ID: 580-103094-36

Date Collected: 05/14/21 10:51

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-46-26-36-2021

Lab Sample ID: 580-103094-36

Date Collected: 05/14/21 10:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:02	FCW	FGS SEA

Client Sample ID: P14-S-48-28-34-2021

Lab Sample ID: 580-103094-40

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-48-28-34-2021

Lab Sample ID: 580-103094-40

Date Collected: 05/14/21 10:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 72.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:06	FCW	FGS SEA

Client Sample ID: P14-S-49-24-30-2021

Lab Sample ID: 580-103094-41

Date Collected: 05/14/21 10:31

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-49-24-30-2021

Lab Sample ID: 580-103094-41

Date Collected: 05/14/21 10:31

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:10	FCW	FGS SEA

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:14	FCW	FGS SEA

Client Sample ID: P14-S-40-5-10-2021

Lab Sample ID: 580-103094-46

Date Collected: 05/14/21 12:01

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 17:02	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-40-5-10-2021

Lab Sample ID: 580-103094-46

Date Collected: 05/14/21 12:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:18	FCW	FGS SEA

Client Sample ID: P14-S-44-5-10-2021

Lab Sample ID: 580-103094-49

Date Collected: 05/14/21 11:16

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-44-5-10-2021

Lab Sample ID: 580-103094-49

Date Collected: 05/14/21 11:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:22	FCW	FGS SEA

Client Sample ID: P14-S-43-5-10-2021

Lab Sample ID: 580-103094-52

Date Collected: 05/14/21 11:26

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-43-5-10-2021

Lab Sample ID: 580-103094-52

Date Collected: 05/14/21 11:26

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356736	05/17/21 13:45	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 22:25	FCW	FGS SEA

Client Sample ID: P14-S-53-19-25-2021

Lab Sample ID: 580-103094-54

Date Collected: 05/14/21 13:26

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-53-19-25-2021

Lab Sample ID: 580-103094-54

Date Collected: 05/14/21 13:26

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 18:09	FCW	FGS SEA

Client Sample ID: P14-S-52-5-10-2021

Lab Sample ID: 580-103094-56

Date Collected: 05/14/21 13:16

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-52-5-10-2021

Lab Sample ID: 580-103094-56

Date Collected: 05/14/21 13:16

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 18:51	FCW	FGS SEA

Client Sample ID: P14-S-45-5-10-2021

Lab Sample ID: 580-103094-61

Date Collected: 05/14/21 11:06

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-45-5-10-2021

Lab Sample ID: 580-103094-61

Date Collected: 05/14/21 11:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 18:55	FCW	FGS SEA

Client Sample ID: P14-S-36-36-42-2021

Lab Sample ID: 580-103094-66

Date Collected: 05/14/21 15:18

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-36-36-42-2021

Lab Sample ID: 580-103094-66

Date Collected: 05/14/21 15:18

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 18:59	FCW	FGS SEA

Client Sample ID: P14-S-38-28-34-2021

Lab Sample ID: 580-103094-67

Date Collected: 05/14/21 15:06

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-38-28-34-2021

Lab Sample ID: 580-103094-67

Date Collected: 05/14/21 15:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:02	FCW	FGS SEA

Client Sample ID: P14-S-32-5-10-2021

Lab Sample ID: 580-103094-69

Date Collected: 05/14/21 13:41

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-32-5-10-2021

Lab Sample ID: 580-103094-69

Date Collected: 05/14/21 13:41

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:06	FCW	FGS SEA

Client Sample ID: P14-S-28-5-10-2021

Lab Sample ID: 580-103094-70

Date Collected: 05/14/21 13:51

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-28-5-10-2021

Lab Sample ID: 580-103094-70

Date Collected: 05/14/21 13:51

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:10	FCW	FGS SEA

Client Sample ID: P14-S-33-5-10-2021

Lab Sample ID: 580-103094-74

Date Collected: 05/14/21 14:01

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-33-5-10-2021

Lab Sample ID: 580-103094-74

Date Collected: 05/14/21 14:01

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:14	FCW	FGS SEA

Client Sample ID: P14-S-37-36-42-2021

Lab Sample ID: 580-103094-79

Date Collected: 05/14/21 16:55

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Client Sample ID: P14-S-37-36-42-2021

Lab Sample ID: 580-103094-79

Date Collected: 05/14/21 16:55

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:18	FCW	FGS SEA

Client Sample ID: P14-S-34-5-10-2021

Lab Sample ID: 580-103094-83

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356764	05/17/21 18:26	CCH	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Client Sample ID: P14-S-34-5-10-2021

Lab Sample ID: 580-103094-83

Date Collected: 05/14/21 16:06

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 86.9

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Prep	3050B			356737	05/17/21 13:48	TMH	FGS SEA
Total/NA	Analysis	6020B		10	356895	05/18/21 19:22	FCW	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310



Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-1

Laboratory: Eurofins FGS, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids



Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

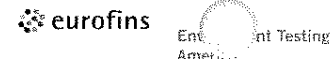
Job ID: 580-103094-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103094-1	P14-S-27-5-10-2021	Solid	05/14/21 16:26	05/15/21 11:45	
580-103094-5	P14-S-26-5-10-2021	Solid	05/14/21 16:21	05/15/21 11:45	
580-103094-9	P14-S-29-5-10-2021	Solid	05/14/21 16:16	05/15/21 11:45	
580-103094-13	P14-S-30-5-10-2021	Solid	05/14/21 15:01	05/15/21 11:45	
580-103094-14	P14-S-35-5-10-2021	Solid	05/14/21 16:06	05/15/21 11:45	
580-103094-15	P14-S-31-48-54-2021	Solid	05/14/21 15:41	05/15/21 11:45	
580-103094-22	P14-S-42-18-26-2021	Solid	05/14/21 11:51	05/15/21 11:45	
580-103094-23	P14-S-39-5-10-2021	Solid	05/14/21 11:41	05/15/21 11:45	
580-103094-24	P14-S-50-5-10-2021	Solid	05/14/21 10:36	05/15/21 11:45	
580-103094-28	P14-S-47-26-32-2021	Solid	05/14/21 10:16	05/15/21 11:45	
580-103094-34	P14-S-51-5-10-2021	Solid	05/14/21 09:31	05/15/21 11:45	
580-103094-36	P14-S-46-26-36-2021	Solid	05/14/21 10:51	05/15/21 11:45	
580-103094-40	P14-S-48-28-34-2021	Solid	05/14/21 10:16	05/15/21 11:45	
580-103094-41	P14-S-49-24-30-2021	Solid	05/14/21 10:31	05/15/21 11:45	
580-103094-45	P14-S-41-5-10-2021	Solid	05/14/21 12:11	05/15/21 11:45	
580-103094-46	P14-S-40-5-10-2021	Solid	05/14/21 12:01	05/15/21 11:45	
580-103094-49	P14-S-44-5-10-2021	Solid	05/14/21 11:16	05/15/21 11:45	
580-103094-52	P14-S-43-5-10-2021	Solid	05/14/21 11:26	05/15/21 11:45	
580-103094-54	P14-S-53-19-25-2021	Solid	05/14/21 13:26	05/15/21 11:45	
580-103094-56	P14-S-52-5-10-2021	Solid	05/14/21 13:16	05/15/21 11:45	
580-103094-61	P14-S-45-5-10-2021	Solid	05/14/21 11:06	05/15/21 11:45	
580-103094-66	P14-S-36-36-42-2021	Solid	05/14/21 15:18	05/15/21 11:45	
580-103094-67	P14-S-38-28-34-2021	Solid	05/14/21 15:06	05/15/21 11:45	
580-103094-69	P14-S-32-5-10-2021	Solid	05/14/21 13:41	05/15/21 11:45	
580-103094-70	P14-S-28-5-10-2021	Solid	05/14/21 13:51	05/15/21 11:45	
580-103094-74	P14-S-33-5-10-2021	Solid	05/14/21 14:01	05/15/21 11:45	
580-103094-79	P14-S-37-36-42-2021	Solid	05/14/21 16:55	05/15/21 11:45	
580-103094-83	P14-S-34-5-10-2021	Solid	05/14/21 16:06	05/15/21 11:45	

Eurofins SGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information	Sampler: Lewis, Nathan A	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 1 of 8
Company: Anchor QEA LLC	PWSID:	Analysis Requested		Job #:

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 6020B - Total Arsenic 6010D - TCLP Arsenic 6010P - SPLP Arsenic Archive	Total Number of Containers	Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:
City: Seattle	TAT Requested (days): 3 DAY TAT			
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Phone: 206-903-3394(Tel)	PO #: 200092-01.11			
Email: cfields@anchorqea.com	WO #:			
Project Name: Parcel 14 Soil Investigation	Project #: 58016541			
Site:	SSOW#:	Special Instructions/Note:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010P - SPLP Arsenic	Archive	Total Number of Containers	Special Instructions/Note:
P14-S-27-5-10-2021	5/14/21	1626	G	S	X	X	X					
P14-S-26-30-36-2021	5/14/21	1622		S					X			
P14-S-27-0-5-2021	5/14/21	1625		S	X	X			X			
P14-S-29-0-5-2021	5/14/21	1615		S					X			
P14-S-26-5-10-2021	5/14/21	1621		S	X	X	X					
P14-S-27-30-36-2021	5/14/21	1622		S					X			
P14-S-26-0-5-2021	5/14/21	1620		S					X			
P14-S-29-30-36-2021	5/14/21	1617		S					X			
P14-S-24-5-10-2021	5/14/21	1616		S	X	X	X					
P14-S-35-0-5-2021	5/14/21	1605		S					X			
P14-S-35-30-36-2021	5/14/21	1607		S					X			



Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: SCP	Date/Time: 5/15/21 1145	Company: AQ	Received by: K/Res
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	

Client Information	Sampler: Lewis, Nathan A	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 2 of 8
Company: Anchor QEA LLC	PWSID:	Analysis Requested		Job #:

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010P - SPLP Arsenic</td> <td>Archive</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010P - SPLP Arsenic	Archive							Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)		6020B - Total Arsenic	6010D - TCLP Arsenic	6010P - SPLP Arsenic	Archive									
City: Seattle	TAT Requested (days):														
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No														
Phone: 206-903-3394(Tel)	PO #: 200092-01.11														
Email: cfields@anchorqea.com	WO #:														
Project Name: Parcel 14 Soil Investigation	Project #: 58016541														
Site:	SSOW#:														

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010P - SPLP Arsenic	Archive	Total Number of Containers	Special Instructions/Note:
P14-S-30-30-36-2021	5/14/21	1100Z	G	S	X	X	N	N	N	N		
P14-S-30-5-16-2021	5/14/21	1501		S			XX	X				
P14-S-35-5-10-2021	5/14/21	1606		S			XX	X				
P14-S-31-48-54-2021	5/14/21	1541		S			XX	X				
P14-S-30-0-5-2021	5/14/21	1600		S					XX			
P14-S-31-0-5-2021	5/14/21	1500		S					XX			
P14-S-42-0-5-2021	5/14/21	1150		S					XX			
P14-S-42-36-36-2021	5/14/21	1152		S					XX			
P14-S-39-0-5-2021	5/14/21	1140		S					XX			
P14-S-39-30-36-2021	5/14/21	1142		S					XX			
P14-S-42-18-24-2021	5/14/21	1151		S			XX	XX				

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>SLP</i>	Date/Time: 5/15/21 1145	Company: AQ	Received by: <i>[Signature]</i>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
--	-------------------	---

Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 3 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>60208 - Total Arsenic</td> <td>60100 - TCLP Arsenic</td> <td>60100 - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic							60100 - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days):		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Special Instructions/Note:
P14-S-39-5-10-2021	5/14/21	1141	G	S	X	X	N	N	N	N	SP
P14-S-50-5-10-2021	5/14/21	1036		S	X	X	N	N	N		
P14-S-48-0-5-2021	5/14/21	1015		S					X		
P14-S-50-0-5-2021	5/14/21	1035		S					X		
P14-S-50-30-36-2021	5/14/21	1037		S					X		
P14-S-47-26-32-2021	5/14/21	1016		S			X	X	X		
P14-S-40-30-36-2021	5/14/21	1052		S					X		
P14-S-47-0-5-2021	5/14/21	1015		S					X		
P14-S-51-30-36-2021	5/14/21	931		S					X		
P14-S-46-0-5-2021	5/14/21	1050		S					X		
P14-S-47-32-38-2021	5/14/21	1017		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: SCP	Date/Time: 5/15/21 115	Company: AD	Received by: [Signature]
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Chain of Custody Record

Client Information					Sampler:	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1					
Client Contact: Cindy Fields					Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 4 of 8					
Company: Anchor QEA LLC					PWSID:			Job #:					
Address: 1201 3rd Ave Suite 2600					Analysis Requested				Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)				
City: Seattle					Due Date Requested:								
State, Zip: WA, 98101					TAT Requested (days):								
Phone: 206-903-3394(Tel)					Compliance Project: Δ Yes Δ No								
Email: cfields@anchorqea.com					PO #: 200092-01.11								
Project Name: Parcel 14 Soil Investigation					WO #:								
Site:					Project #: 58016541								
					SSOW#:								
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastelol, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers	Special Instructions/Note:	
Preservation Code:					X	X	N	N	N	N			
P14-S-51-5-16-2021	5/14/21	936	G	S	X	X	X						
P14-S-51-0-5-2021	5/14/21	936		S						X			
P14-S-46-24-36-2021	5/14/21	1051		S	X	X	X						
P14-S-49-0-5-2021	5/14/21	1036		S						X			
P14-S-48-34-46-2021	5/14/21	1017		S	X	X	X					HOLD	
P14-S-49-36-36-2021	5/14/21	1032		S						X			
P14-S-48-24-34-2021	5/14/21	1016		S	X	X	X						
P14-S-49-24-36-2021	5/14/21	1031		S	X	X	X						
P14-S-40-0-5-2021	5/14/21	1210		S						X		P-41-0-5-2021	
P14-S-40-30-36-2021	5/14/21	1202		S						X			
P14-S-41-30-36-2021	5/14/21	1212		S						X			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:								
Empty Kit Relinquished by:					Date:		Time:		Method of Shipment:				
Relinquished by: SLP					Date/Time: 5/15/21 1145		Company: AQ		Received by: K Krede		Date/Time: 5/15/21 1145		Company: EGS
Relinquished by:					Date/Time:		Company:		Received by:		Date/Time:		Company:
Relinquished by:					Date/Time:		Company:		Received by:		Date/Time:		Company:
Custody Seals Intact: Δ Yes Δ No					Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:					

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Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 5 of 8																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> </tr> <tr> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers			N	N	N	N			X	X	X				X	X	X				X	X	X		Preservation Codes:	
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City: Seattle		TAT Requested (days):		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		C - Zn Acetate		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		D - Nitric Acid		O - AsNaO2																																				
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Project Name: Parcel 14 Soil Investigation		Project #: 58016541		F - MeOH		Q - Na2SO3																																				
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P14-S-41-5-10-2021	5/14/21	1211	G	S	X	X	N	N	N	N	
P14-S-40-5-10-2021	5/14/21	1201		S	X	X	N	N	N	N	
P14-S-53-0-5-2021	5/14/21	1325		S							
P14-S-44-0-5-2021	5/14/21	1115		S							
P14-S-44-5-10-2021	5/14/21	1116		S			X	X			
P14-S-44-30-36-2021	5/14/21	1117		S					X		
P14-S-52-30-36-2021	5/14/21	1512		S					X		
P14-S-43-5-10-2021	5/14/21	1126		S			X	X	X		SP
P14-S-43-0-5-2021	5/14/21	1125		S					X		
P14-S-58-29-25-2021 SP	5/14/21			S							
P14-S-53-19-25-2021	5/14/21	1326		S			X	X	X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____
 Special Instructions/QC Requirements: _____

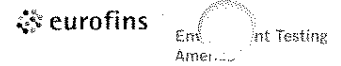
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: SCP		Date/Time: 5/15/21 1145		Company: AQ		Received by: K. Krause	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	

Custody Seals Intact: Yes No
 Custody Seal No.: _____
 Cooler Temperature(s) °C and Other Remarks: _____

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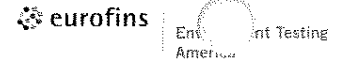


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P14-S-53-30-36-2021		5/14/21		1827				S																																																						
P14-S-52-0-5-2021		5/14/21		1315				S																																																						
P14-S-46-0-5-2021		5/14/21		1200				S																																																						
P14-S-45-0-5-2021		5/14/21		1105				S																																																						
P14-S-45-5-10-2021		5/14/21		1106				S																																																						
P14-S-45-30-36-2021		5/14/21		1107				S																																																						
P14-S-38-34-40-2021		5/14/21		1507				S																																																						
P14-S-37-0-5-2021		5/14/21		1425				S																																																						
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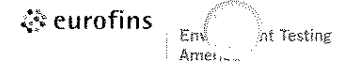


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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No	<table border="1"> <tr> <td>Sample Identification</td> <td>Sample Date</td> <td>Sample Time</td> <td>Sample Type (C=comp, G=grab)</td> <td>Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air)</td> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSB (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td>Total Number of containers</td> <td>Special Instructions/Note:</td> </tr> <tr> <td colspan="13">Preservation Code:</td> </tr> <tr> <td>P14-S-36-36-42-2021</td> <td>5/14/21</td> <td>1516</td> <td>G</td> <td>S</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>15:18; TEST</td> </tr> <tr> <td>P14-S-38-28-34-2021</td> <td>5/14/21</td> <td>1506</td> <td></td> <td>S</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-32-30-36-2021</td> <td>5/14/21</td> <td>1842</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-32-5-10-2021</td> <td>5/14/21</td> <td>1341</td> <td></td> <td>S</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>P14-S-28-5-10-2021</td> <td>5/14/21</td> <td>1351</td> <td></td> <td>S</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>P14-S-38-0-5-2021</td> <td>5/14/21</td> <td>1505</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-36-0-5-2021</td> <td>5/14/21</td> <td>1515</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-28-30-36-2021</td> <td>5/14/21</td> <td>1352</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-33-5-16-2021</td> <td>5/14/21</td> <td>1401</td> <td></td> <td>S</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-33-30-36-2021</td> <td>5/14/21</td> <td>1402</td> <td></td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>P14-S-33-0-5-2021</td> <td>5/14/21</td> <td>1400</td> <td>✓</td> <td>S</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> </table>			Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oli, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSB (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers	Special Instructions/Note:	Preservation Code:													P14-S-36-36-42-2021	5/14/21	1516	G	S	X	X	X	X	X	X		15:18; TEST	P14-S-38-28-34-2021	5/14/21	1506		S	X	X	X	X	X	X			P14-S-32-30-36-2021	5/14/21	1842		S						X			P14-S-32-5-10-2021	5/14/21	1341		S			X	X	X				P14-S-28-5-10-2021	5/14/21	1351		S			X	X	X				P14-S-38-0-5-2021	5/14/21	1505		S						X			P14-S-36-0-5-2021	5/14/21	1515		S						X			P14-S-28-30-36-2021	5/14/21	1352		S						X			P14-S-33-5-16-2021	5/14/21	1401		S	X	X	X	X	X	X			P14-S-33-30-36-2021	5/14/21	1402		S						X			P14-S-33-0-5-2021	5/14/21	1400	✓	S						X		
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Eurofins EGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1							
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page 8 of 8							
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:					
Address: 1201 3rd Ave Suite 2600		Due Date Requested:								Field Filtered Sample (Yes or No) Perform WSW/MSD (Yes or No)		Total Number of Containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:	
City: Seattle		TAT Requested (days):													
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone: 206-903-3394(Tel)		PO #: 200092-01.11													
Email: cfields@anchorqea.com		WO #:		6020B - Total Arsenic		6010D - TCLP Arsenic		6010D - SPLP Arsenic							
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		Archive											
Site:		SSOW#:													
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastelol, ST=Tissue, Air/Air)		Special Instructions/Note:					
P14-S-34-30-30-2021		5/14/21		1407		G		S							
P14-S-30-42-48-2021		5/14/21		1517		↓		S		SP					
P14-S-37-36-42-2021		5/14/21		1455		↓		S		RUN					
P14-S-28-0-5-2021		5/14/21		1350		↓		S							
P14-S-37-42-45-2021		5/14/21		1456		↓		S							
P14-S-32-0-5-2021		5/14/21		1340		↓		S							
P14-S-34-5-16-2021		5/14/21		1406		↓		S							
P14-S- - - -2021		5/14/21						S							
P14-S- - - -2021		5/14/21						S		SP					
P14-S- - - -2021		5/14/21						S							
P14-S- - - -2021		5/14/21						S							

Therm. ID: IR9 Cor: 5.7 ° Unc: 5.5 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 12.14 ° Unc: 12.12 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear
12.2 - 13.6

Therm. ID: IR9 Cor: 3.7 ° Unc: 3.6 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 5.6 ° Unc: 5.4 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear



Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103094-1

Login Number: 103094

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Vallelunga, Diana L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103094-2
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields

M. Elaine Walker

Authorized for release by:
5/25/2021 12:52:02 PM
Elaine Walker, Project Manager II
(253)248-4972
m.elaine.walker@eurofinset.com
Designee for
Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Job ID: 580-103094-2

Laboratory: Eurofins FGS, Seattle

Narrative

**Job Narrative
580-103094-2**

Comments

This report is for the addition of 200.8 Zinc to sample 580-103094-44 (P14-S-41-30-36-2021), added at 4:19 on 5/19/2021 on a 3-day TAT. As the request was made past 3:00PM, the start date is 5/20/2021.

Receipt

The samples were received on 5/15/2021 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.7° C, 5.6° C, 5.7° C and 12.4° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Client Sample ID: P14-S-41-30-36-2021

Lab Sample ID: 580-103094-44

Date Collected: 05/14/21 12:12

Matrix: Solid

Date Received: 05/15/21 11:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82.7		0.1		%			05/23/21 19:27	1
Percent Moisture	17.3		0.1		%			05/23/21 19:27	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Client Sample ID: P14-S-41-30-36-2021

Lab Sample ID: 580-103094-44

Date Collected: 05/14/21 12:12

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 82.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		0.56		mg/Kg	☼	05/20/21 19:24	05/21/21 15:46	10

- 1
- 2
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- 10
- 11

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-357050/22-A
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 357050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.25		mg/Kg		05/20/21 19:24	05/21/21 15:39	5

Lab Sample ID: LCS 580-357050/23-A
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 357050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.8		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 580-357050/24-A
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 357050

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	50.0	52.8		mg/Kg		106	80 - 120	4	20

Lab Sample ID: 580-103094-44 MS
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: P14-S-41-30-36-2021
Prep Type: Total/NA
Prep Batch: 357050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.0		55.7	56.3		mg/Kg	⊛	96	80 - 120

Lab Sample ID: 580-103094-44 MSD
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: P14-S-41-30-36-2021
Prep Type: Total/NA
Prep Batch: 357050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	3.0		57.1	57.8		mg/Kg	⊛	96	80 - 120	3	20

Lab Sample ID: 580-103094-44 DU
Matrix: Solid
Analysis Batch: 357219

Client Sample ID: P14-S-41-30-36-2021
Prep Type: Total/NA
Prep Batch: 357050

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	3.0		2.92		mg/Kg	⊛	2	20

Method: 2540G - SM 2540G

Lab Sample ID: 580-103094-44 DU
Matrix: Solid
Analysis Batch: 357208

Client Sample ID: P14-S-41-30-36-2021
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Solids	82.7		83.4		%		0.9	20
Percent Moisture	17.3		16.6		%		5	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Client Sample ID: P14-S-41-30-36-2021

Lab Sample ID: 580-103094-44

Date Collected: 05/14/21 12:12

Matrix: Solid

Date Received: 05/15/21 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	357208	05/23/21 19:27	CCH	FGS SEA

Client Sample ID: P14-S-41-30-36-2021

Lab Sample ID: 580-103094-44

Date Collected: 05/14/21 12:12

Matrix: Solid

Date Received: 05/15/21 11:45

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			357050	05/20/21 19:24	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357219	05/21/21 15:46	FCW	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

Laboratory: Eurofins FGS, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids



Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-2

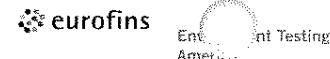
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103094-44	P14-S-41-30-36-2021	Solid	05/14/21 12:12	05/15/21 11:45	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

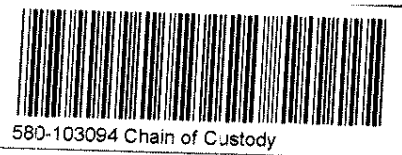
Eurofins SGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 1 of 8																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>60100 - TCLP Arsenic</td> <td>60100 - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)	
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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																								
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P14-S-26-30-36-2021		5/14/21		1622		↓		S																																		
P14-S-27-0-5-2021		5/14/21		1625		↓		S																																		
P14-S-29-0-5-2021		5/14/21		1615		↓		S																																		
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P14-S-26-0-5-2021		5/14/21		1620		↓		S																																		
P14-S-29-30-36-2021		5/14/21		1617		↓		S																																		
P14-S-24-5-10-2021		5/14/21		1616		↓		S																																		
P14-S-35-0-5-2021		5/14/21		1605		↓		S																																		
P14-S-35-30-36-2021		5/14/21		1607		↓		S																																		
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Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page 3 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
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P14-S-39-5-10-2021	5/14/21	1141	G	S	X	X	N	N	N	N	SP
P14-S-50-5-10-2021	5/14/21	1036		S	X	X	N	N	N		
P14-S-48-0-5-2021	5/14/21	1015		S					X		
P14-S-50-0-5-2021	5/14/21	1035		S					X		
P14-S-50-30-36-2021	5/14/21	1037		S					X		
P14-S-47-26-32-2021	5/14/21	1016		S			X	X	X		
P14-S-40-30-36-2021	5/14/21	1052		S					X		
P14-S-47-0-5-2021	5/14/21	1015		S					X		
P14-S-51-30-36-2021	5/14/21	931		S					X		
P14-S-46-0-5-2021	5/14/21	1050		S					X		
P14-S-47-32-38-2021	5/14/21	1017		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: SCP	Date/Time: 5/15/21 115	Company: AD	Received by: [Signature]
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No

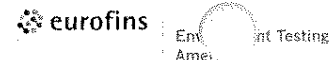
Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

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Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: Page 4 of 8

Company: Anchor QEA LLC PWSID: Analysis Requested Job #:

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers	Preservation Codes:	
City: Seattle	TAT Requested (days):								A - HCL	M - Hexane
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No								B - NaOH	N - None
Phone: 206-903-3394(Tel)	PO #: 200092-01.11								C - Zn Acetate	O - AsNaO2
Email: cfields@anchorqea.com	WO #:								D - Nitric Acid	P - Na2O4S
Project Name: Parcel 14 Soil Investigation	Project #: 58016541								E - NaHSO4	Q - Na2SO3
Site:	SSOW#:	F - MeOH	R - Na2S2O3							
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		J - DI Water	V - MCAA							
		K - EDTA	W - pH 4-5							
		L - EDA	Z - other (specify)							
		Other:								

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastelol, BT=Tissue, A=Air)	Analysis Requested								Special Instructions/Note:	
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers			
P14-S-51-5-16-2021	5/14/21	936	G	S	X	X	X							
P14-S-51-0-5-2021	5/14/21	936		S					X					
P14-S-46-24-36-2021	5/14/21	1051		S	X	X	X							
P14-S-49-0-5-2021	5/14/21	1036		S					X					
P14-S-48-34-46-2021	5/14/21	1017		S	X	X	X		X				HOLD	
P14-S-49-36-36-2021	5/14/21	1032		S					X					
P14-S-48-24-34-2021	5/14/21	1016		S	X	X	X							
P14-S-49-24-36-2021	5/14/21	1031		S	X	X	X							
P14-S-40-0-5-2021	5/14/21	1210		S					X				P-41-0-5-2021	
P14-S-40-30-36-2021	5/14/21	1202		S					X					
P14-S-41-30-36-2021	5/14/21	1212		S					X					

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____ Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: SLP	Date/Time: 5/15/21 1145	Company: AQ	Received by: K Krede
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 5 of 8																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic							6010D - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days):		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		C - Zn Acetate		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		D - Nitric Acid		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		E - NaHSO4		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		F - MeOH		Q - Na2SO3																																				
Site:		SSOW#:		G - Amchlor		R - Na2S2O3																																				
				H - Ascorbic Acid		S - H2SO4																																				
				I - Ice		T - TSP Dodecahydrate																																				
				J - DI Water		U - Acetone																																				
				K - EDTA		V - MCAA																																				
				L - EDA		W - pH 4-5																																				
						Z - other (specify)																																				
						Other:																																				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=leach, A=AI)	Analysis Requested					Total Number of Containers	Special Instructions/Note:
					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic		
P14-S-41-5-10-2021	5/14/21	1211	G	S	X	X	X	X			
P14-S-40-5-10-2021	5/14/21	1201		S	X	X	X				
P14-S-53-0-5-2021	5/14/21	1325		S				X			
P14-S-44-0-5-2021	5/14/21	1115		S				X			
P14-S-44-5-10-2021	5/14/21	1116		S	X	X	X				
P14-S-44-30-36-2021	5/14/21	1117		S				X			
P14-S-52-30-36-2021	5/14/21	1512		S				X			
P14-S-43-5-10-2021	5/14/21	1126		S	X	X	X				SP
P14-S-43-0-5-2021	5/14/21	1125		S				X			
P14-S-58-29-25-2021 SP	5/14/21			S							
P14-S-53-19-25-2021	5/14/21	1326		S	X	X	X				

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: SCP	Date/Time: 5/15/21 1145	Company: AQ	Received by: Krause	Date/Time: 5/15/21 1145	Company: EGS
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Yes No

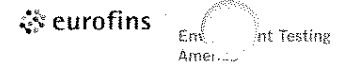
Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks:

Eurofins EGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1																															
Client Contact: Cindy Fields		Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 6 of 8																															
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City: Seattle		TAT Requested (days):																																		
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																		
Phone: 206-903-3394(Tel)		PO #: 200092-01.11																																		
Email: cfields@anchorqea.com		WO #:																																		
Project Name: Parcel 14 Soil Investigation		Project #: 58016541																																		
Site:		SSOW#:																																		
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Preservation Codes:																														
						A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)																														
						Other:																														
						Special Instructions/Note:																														
P14-S-43-30-36-2021	5/14/21	1127	G	S																																
P14-S-52-5-16-2021	5/14/21	1316		S																																
P14-S-53-30-36-2021	5/14/21	1327		S																																
P14-S-52-0-5-2021	5/14/21	1315		S																																
P14-S-46-0-5-2021	5/14/21	1200		S																																
P14-S-45-0-5-2021	5/14/21	1105		S																																
P14-S-45-5-10-2021	5/14/21	1106		S																																
P14-S-45-30-36-2021	5/14/21	1107		S																																
P14-S-38-34-40-2021	5/14/21	1507		S																																
P14-S-37-0-5-2021	5/14/21	1425		S																																
P14-S-34-0-5-2021	5/14/21	1405		S																																
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																		
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:																																		
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:																																
Relinquished by: SLP	Date/Time: 5/15/21 1145	Company: AIO	Received by: K. K. [Signature]	Date/Time: 5/15/21 1145	Company: EFGS																															
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:																															
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:																															
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:																																		

Therm. ID: IR9 Cor: 5.7 ° Unc: 5.5 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 12.14 ° Unc: 12.12 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear
12.2 - 13.6

Therm. ID: IR9 Cor: 3.7 ° Unc: 3.6 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 5.6 ° Unc: 5.4 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear



Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103094-2

Login Number: 103094

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Vallelunga, Diana L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103094-3
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields



Authorized for release by:
6/8/2021 3:56:24 PM

Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

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QC Sample Results	6
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Sample Summary	9
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Receipt Checklists	19

Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Job ID: 580-103094-3

Laboratory: Eurofins FGS, Seattle

Narrative

**Job Narrative
580-103094-3**

Comments

No additional comments.

Receipt

The samples were received on 5/15/2021 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 3.7° C, 5.6° C, 5.7° C and 12.4° C.

Receipt Exceptions

The following sample(s) was received at the laboratory outside the required temperature criteria: Cooler #2 was out of temp. at 12.4°C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 23:40	1

Method: 6010D - Metals (ICP) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 23:37	1

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 580-358332/14-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 22:55	1

Lab Sample ID: MB 580-358332/15-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 22:51	1

Lab Sample ID: LCS 580-358332/16-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: LCSD 580-358332/17-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	1.00	1.02		mg/L		102	80 - 120	0	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Client Sample ID: P14-S-41-5-10-2021

Lab Sample ID: 580-103094-45

Date Collected: 05/14/21 12:11

Matrix: Solid

Date Received: 05/15/21 11:45

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
SPLP West	Leach	1312			358177	06/03/21 09:43	JLS	FGS SEA
SPLP West	Prep	3010A			358332	06/04/21 12:32	JLS	FGS SEA
SPLP West	Analysis	6010D		1	358569	06/07/21 23:37	TMH	FGS SEA
TCLP	Leach	1311			358165	06/03/21 09:19	JLS	FGS SEA
TCLP	Prep	3010A			358332	06/04/21 12:32	JLS	FGS SEA
TCLP	Analysis	6010D		1	358569	06/07/21 23:40	TMH	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310



Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

Laboratory: Eurofins FGS, Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

1

2

3

4

5

6

7

8

9

10

11

Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103094-3

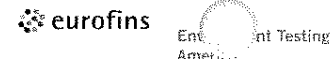
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103094-45	P14-S-41-5-10-2021	Solid	05/14/21 12:11	05/15/21 11:45	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Eurofins SGS, Seattle

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Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	60100 - TCLP Arsenic							60100 - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days): 3 DAY TAT		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		D - Nitric Acid		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		E - NaHSO4		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		F - MeOH		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		G - Amchlor		Q - Na2SO3																																				
Site:		SSOW#:		H - Ascorbic Acid		R - Na2S2O3																																				
				I - Ice		S - H2SO4																																				
				J - DI Water		T - TSP Dodecahydrate																																				
				K - EDTA		U - Acetone																																				
				L - EDA		V - MCAA																																				
						W - pH 4-5																																				
						Z - other (specify)																																				
						Other:																																				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, AA=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Special Instructions/Note:
P14-S-27-5-10-2021	5/14/21	1626	G	S	X	X	X				
P14-S-26-30-36-2021	5/14/21	1622		S					X		
P14-S-27-0-5-2021	5/14/21	1625		S					X		
P14-S-29-0-5-2021	5/14/21	1615		S					X		
P14-S-26-5-10-2021	5/14/21	1621		S			X	X			
P14-S-27-30-36-2021	5/14/21	1622		S					X		
P14-S-26-0-5-2021	5/14/21	1620		S					X		
P14-S-29-30-36-2021	5/14/21	1617		S					X		
P14-S-24-5-10-2021	5/14/21	1616		S			X	X			
P14-S-35-0-5-2021	5/14/21	1605		S					X		
P14-S-35-30-36-2021	5/14/21	1607		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: SCP	Date/Time: 5/15/21 1145	Company: AQ	Received by: [Signature]
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

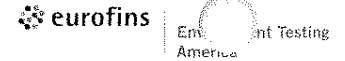
Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																									
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 2 of 8																									
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																							
Address: 1201 3rd Ave Suite 2600		Due Date Requested:								Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers																			
City: Seattle		TAT Requested (days):		6020B - Total Arsenic		6010D - TCLP Arsenic		6010P - SPLP Arsenic								Archive																	
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																6010D - SPLP Arsenic		Archive		Archive		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O8 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)									
Phone: 206-903-3394(Tel)		PO #: 200092-01.11																								Archive		Archive		Archive		Other:	
Email: cfields@anchorqea.com		WO #:																															
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		Archive		Archive		Archive		Special Instructions/Note:																							
Site:		SSOW#:																															
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers		Special Instructions/Note:																					
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-30-30-36-2021		5/14/21	1100Z	G	S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-30-5-16-2021		5/14/21	1501		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-35-5-10-2021		5/14/21	1606		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-31-48-54-2021		5/14/21	1541		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-30-0-5-2021		5/14/21	1600		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-31-0-5-2021		5/14/21	1500		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-42-0-5-2021		5/14/21	1150		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-42-36-36-2021		5/14/21	1152		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-39-0-5-2021		5/14/21	1140		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-39-30-36-2021		5/14/21	1142		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
P14-S-42-18-24-2021		5/14/21	1151		S	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																						
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																											
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:																											
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:																										
Relinquished by: <i>SLP</i>			Date/Time: 5/15/21 1145		Company: AQ		Received by: <i>[Signature]</i>		Date/Time: 5/15/21 1145		Company: QGS																						
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:																						
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:																						
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:																											

Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: <u>3</u> of <u>4</u>																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>60208 - Total Arsenic</td> <td>60100 - TCLP Arsenic</td> <td>60100 - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic							60100 - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days):		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	60208 - Total Arsenic	60100 - TCLP Arsenic	60100 - SPLP Arsenic	Archive	Special Instructions/Note:
P14-S-39-5-10-2021	5/14/21	1141	G	S	X	X	N	N	N	N	SP
P14-S-50-5-10-2021	5/14/21	1036		S	X	X	N	N	N		
P14-S-48-0-5-2021	5/14/21	1015		S					X		
P14-S-50-0-5-2021	5/14/21	1035		S					X		
P14-S-50-30-36-2021	5/14/21	1037		S					X		
P14-S-47-26-32-2021	5/14/21	1016		S		X	X	X			
P14-S-40-30-36-2021	5/14/21	1052		S					X		
P14-S-47-0-5-2021	5/14/21	1015		S					X		
P14-S-51-30-36-2021	5/14/21	931		S					X		
P14-S-46-0-5-2021	5/14/21	1050		S					X		
P14-S-47-32-38-2021	5/14/21	1017		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>SCP</u>	Date/Time: <u>5/15/21 115</u>	Company: <u>AD</u>	Received by: <u>[Signature]</u>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No

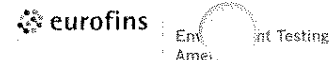
Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

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Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information	Sampler:	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: Page 4 of 8

Company: Anchor QEA LLC PWSID: Analysis Requested Job #:

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Field Performance MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="6">Total Number of containers</td> </tr> <tr> <td>City: Seattle</td> <td>TAT Requested (days):</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State, Zip: WA, 98101</td> <td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Phone: 206-903-3394(Tel)</td> <td>PO #: 200092-01.11</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Email: cfields@anchorqea.com</td> <td>WO #:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Project Name: Parcel 14 Soil Investigation</td> <td>Project #: 58016541</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Field Filtered Sample (Yes or No)	Field Performance MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers	City: Seattle	TAT Requested (days):					State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No					Phone: 206-903-3394(Tel)	PO #: 200092-01.11					Email: cfields@anchorqea.com	WO #:					Project Name: Parcel 14 Soil Investigation	Project #: 58016541					Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
Field Filtered Sample (Yes or No)	Field Performance MS/MSD (Yes or No)		6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers																																	
City: Seattle	TAT Requested (days):																																							
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																																							
Phone: 206-903-3394(Tel)	PO #: 200092-01.11																																							
Email: cfields@anchorqea.com	WO #:																																							
Project Name: Parcel 14 Soil Investigation	Project #: 58016541																																							
Site:	SSOW#:					Other:																																		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastelol, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Field Performance MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of containers	Special Instructions/Note:
P14-S-51-5-16-2021	5/14/21	936	G	S	X	X	X	X				
P14-S-51-0-5-2021	5/14/21	936		S					X			
P14-S-46-24-36-2021	5/14/21	1051		S	X	X	X	X				
P14-S-49-0-5-2021	5/14/21	1036		S					X			
P14-S-48-34-46-2021	5/14/21	1017		S	X	X	X	X				HOLD
P14-S-49-36-36-2021	5/14/21	1032		S					X			
P14-S-48-24-34-2021	5/14/21	1016		S	X	X	X	X				
P14-S-49-24-36-2021	5/14/21	1031		S	X	X	X					
P14-S-40-0-5-2021	5/14/21	1210		S					X			P-41-0-5-2021
P14-S-40-30-36-2021	5/14/21	1202		S					X			
P14-S-41-30-36-2021	5/14/21	1212		S					X			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>SLP</i>	Date/Time: 5/15/21 1145	Company: <i>SAQ</i>	Received by: <i>K Krede</i> Date/Time: 5/15/21 1145 Company: <i>EFGS</i>
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

Custody Seals Intact: Yes No Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:

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Chain of Custody Record



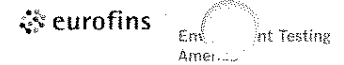
Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																										
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 5 of 8																										
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #:																								
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of Containers</td> </tr> <tr><td>N</td><td>N</td><td>N</td><td>N</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers	N	N	N	N	X	X	X	X	X	X	X	X	X	X	X	X	Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic									6010D - SPLP Arsenic	Archive	Total Number of Containers																				
		N	N									N	N																					
		X	X									X	X																					
		X	X									X	X																					
		X	X	X	X																													
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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		C - Zn Acetate		N - None																												
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		D - Nitric Acid		O - AsNaO2																												
Email: cfields@anchorqea.com		WO #:		E - NaHSO4		P - Na2O4S																												
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						Z - other (specify)																												
						Other:																												

Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=leach, A=AI)		Special Instructions/Note:	
				Preservation Code:							
P14-S-41-5-10-2021		5/14/21		1211		G		S			
P14-S-40-5-10-2021		5/14/21		1201				S			
P14-S-53-0-5-2021		5/14/21		1325				S			
P14-S-44-0-5-2021		5/14/21		1115				S			
P14-S-44-5-10-2021		5/14/21		1116				S			
P14-S-44-30-36-2021		5/14/21		1117				S			
P14-S-52-30-36-2021		5/14/21		1512				S			
P14-S-43-5-10-2021		5/14/21		1126				S			
P14-S-43-0-5-2021		5/14/21		1125				S			
P14-S-58-29-25-2021 SP		5/14/21						S			
P14-S-53-19-25-2021		5/14/21		1326		↓		S			
Possible Hazard Identification						**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**					
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological						Return To Client Disposal By Lab Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: SCP		Date/Time: 5/15/21 1145		Company: AQ		Received by: K. Krause		Date/Time: 5/15/21 1145		Company: EGS	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Yes No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:					

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Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record

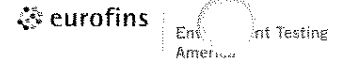


Client Information		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:																																
Client Contact: Cindy Fields		Phone:	Lewis, Nathan A		580-43410-13885.1																																
Company: Anchor QEA LLC		PWSID:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 6 of 8																																
Address: 1201 3rd Ave Suite 2600		Analysis Requested			Job #:																																
City: Seattle		Due Date Requested:	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td>TAT Requested (days):</td> <td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State, Zip: WA, 98101</td> <td>PO #: 200092-01.11</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Phone: 206-903-3394(Tel)</td> <td>WO #:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Email: cfields@anchorqea.com</td> <td>Project #: 58016541</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers	TAT Requested (days):	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No					State, Zip: WA, 98101	PO #: 200092-01.11					Phone: 206-903-3394(Tel)	WO #:					Email: cfields@anchorqea.com	Project #: 58016541					Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
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Project Name: Parcel 14 Soil Investigation		SSOW#:				Other:																															
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		Preservation Code:																																			
P14-S-43-30-36-2021	5/14/21	1127	G	S		[Large diagonal line across the table]																															
P14-S-52-5-16-2021	5/14/21	1316		S	X X X																																
P14-S-53-30-36-2021	5/14/21	1327		S																																	
P14-S-52-0-5-2021	5/14/21	1315		S																																	
P14-S-46-0-5-2021	5/14/21	1200		S																																	
P14-S-45-0-5-2021	5/14/21	1105		S																																	
P14-S-45-5-10-2021	5/14/21	1106		S	X X X																																
P14-S-45-30-36-2021	5/14/21	1107		S																																	
P14-S-38-34-40-2021	5/14/21	1507		S																																	
P14-S-37-0-5-2021	5/14/21	1425		S																																	
P14-S-34-0-5-2021	5/14/21	1405		S																																	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																			
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Relinquished by: SCP	Date/Time: 5/15/21 1145	Company: AIO	Received by: [Signature]	Date/Time: 5/15/21 1145	Company: EFGS																																
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Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:																																			

Eurofins TGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler:	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1																																																																					
Client Contact: Cindy Fields		Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 7 of 8																																																																					
Company: Anchor QEA LLC		PWSID:	Analysis Requested																																																																							
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P14-S-36-36-42-2021	5/14/21	1516	G	S	X	X	X	X	X	X		15:18; TEST
P14-S-38-28-34-2021	5/14/21	1506		S	X	X	X	X	X	X		
P14-S-32-30-36-2021	5/14/21	1842		S								
P14-S-32-5-10-2021	5/14/21	1341		S			X	X	X			
P14-S-28-5-10-2021	5/14/21	1351		S			X	X	X			
P14-S-38-0-5-2021	5/14/21	1505		S					X			
P14-S-36-0-5-2021	5/14/21	1515		S					X			
P14-S-28-30-36-2021	5/14/21	1352		S					X			
P14-S-33-5-16-2021	5/14/21	1401		S	X	X	X	X	X			
P14-S-33-30-36-2021	5/14/21	1402		S					X			
P14-S-33-0-5-2021	5/14/21	1400		S					X			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>SLP</i>	Date/Time: 5/15/21 1145	Company: AIO	Received by: <i>KZ KPR</i>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No

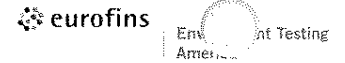
Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Eurofins EGS, Seattle

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Chain of Custody Record



Client Information		Sampler:		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1							
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page 8 of 8							
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Email: cfields@anchorqea.com		WO #:		6020B - Total Arsenic		6010D - TCLP Arsenic		6010D - SPLP Arsenic							
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		Archive											
Site:		SSOW#:													
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastelol, ST=Tissue, Air/Air)		Special Instructions/Note:					
P14-S-34-30-30-2021		5/14/21		1407		G		S							
P14-S-30-42-48-2021		5/14/21		1517		↓		S		SP					
P14-S-37-36-42-2021		5/14/21		1455		↓		S		RUN					
P14-S-28-0-5-2021		5/14/21		1350		↓		S							
P14-S-37-42-45-2021		5/14/21		1456		↓		S							
P14-S-32-0-5-2021		5/14/21		1340		↓		S							
P14-S-34-5-16-2021		5/14/21		1406		↓		S							
P14-S- - - -2021		5/14/21						S							
P14-S- - - -2021		5/14/21						S		SP					
P14-S- - - -2021		5/14/21						S							
P14-S- - - -2021		5/14/21						S							

Therm. ID: IR9 Cor: 5.7 ° Unc: 5.5 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 12.4 ° Unc: 12.2 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear
12.2 - 13.6

Therm. ID: IR9 Cor: 3.7 ° Unc: 3.6 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear

Therm. ID: IR9 Cor: 5.6 ° Unc: 5.4 °
Cooler Dsc: _____ FedEx: _____
Packing: Box UPS: _____
Cust. Seal: Yes No Lab Cour: _____
Blue Ice: Wet Dry, None Other: Clear



Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103094-3

Login Number: 103094

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Vallelunga, Diana L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103138-1
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields

M. Elaine Walker

Authorized for release by:
5/21/2021 1:35:54 PM
Elaine Walker, Project Manager II
(253)248-4972
m.elaine.walker@eurofinset.com
Designee for
Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Table of Contents	2
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Sample Summary	40
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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Job ID: 580-103138-1

Laboratory: Eurofins FGS, Seattle

Narrative

Job Narrative 580-103138-1

Receipt

The samples were received on 5/18/2021 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.9° C and 7.0° C.

Receipt Exceptions

The container labels for every sample did not match the information listed on the Chain-of-Custody (COC): P14-S-55-5-10-2021 (580-103138-2), P14-S-56-5-10-2021 (580-103138-5), P14-S-57-5-10-2021 (580-103138-8), P14-S-58-24-30-2021 (580-103138-11), P14-S-59-41-47-2021 (580-103138-15), P14-S-60-40-46-2021 (580-103138-18), P14-S-61-5-10-2021 (580-103138-20), P14-S-62-5-10-2021 (580-103138-24), P14-S-63-5-10-2021 (580-103138-26), P14-S-64-5-10-2021 (580-103138-29), P14-S-65-5-10-2021 (580-103138-32), P14-S-66-5-10-2021 (580-103138-35), P14-S-67-5-10-2021 (580-103138-38), and P14-S-54-41-47-2021 (580-103138-42). The container label of every sample lists the sampling date 5/14/21, while the COC lists 5/17/21. The samples are logged in per COC.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-55-5-10-2021

Lab Sample ID: 580-103138-2

Date Collected: 05/17/21 10:36

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.6		0.1		%			05/20/21 12:48	1
Percent Moisture	8.4		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-55-5-10-2021

Lab Sample ID: 580-103138-2

Date Collected: 05/17/21 10:36

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 91.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		0.45		mg/Kg	☼	05/19/21 20:02	05/20/21 13:22	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-56-5-10-2021

Lab Sample ID: 580-103138-5

Date Collected: 05/17/21 10:56

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.8		0.1		%			05/20/21 12:48	1
Percent Moisture	13.2		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-56-5-10-2021

Lab Sample ID: 580-103138-5

Date Collected: 05/17/21 10:56

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 86.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		0.40		mg/Kg	☼	05/19/21 20:02	05/20/21 13:26	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-57-5-10-2021

Lab Sample ID: 580-103138-8

Date Collected: 05/17/21 11:01

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.6		0.1		%			05/20/21 12:48	1
Percent Moisture	10.4		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-57-5-10-2021

Lab Sample ID: 580-103138-8

Date Collected: 05/17/21 11:01

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		0.49		mg/Kg	☼	05/19/21 20:02	05/20/21 13:30	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-58-24-30-2021

Lab Sample ID: 580-103138-11

Date Collected: 05/17/21 12:01

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.5		0.1		%			05/20/21 12:48	1
Percent Moisture	11.5		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-58-24-30-2021

Lab Sample ID: 580-103138-11

Date Collected: 05/17/21 12:01

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.32		mg/Kg	☼	05/19/21 20:02	05/20/21 13:34	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-59-41-47-2021

Lab Sample ID: 580-103138-15

Date Collected: 05/17/21 12:47

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	80.9		0.1		%			05/20/21 12:48	1
Percent Moisture	19.1		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-59-41-47-2021

Lab Sample ID: 580-103138-15

Date Collected: 05/17/21 12:47

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 80.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		0.34		mg/Kg	☼	05/19/21 20:02	05/20/21 13:37	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-60-40-46-2021

Lab Sample ID: 580-103138-18

Date Collected: 05/17/21 13:22

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84.0		0.1		%			05/20/21 12:48	1
Percent Moisture	16.0		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-60-40-46-2021

Lab Sample ID: 580-103138-18

Date Collected: 05/17/21 13:22

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 84.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		0.31		mg/Kg	☼	05/19/21 20:02	05/20/21 13:41	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-61-5-16-2021

Lab Sample ID: 580-103138-20

Date Collected: 05/17/21 13:41

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.1		0.1		%			05/20/21 12:48	1
Percent Moisture	6.9		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-61-5-16-2021

Lab Sample ID: 580-103138-20

Date Collected: 05/17/21 13:41

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 93.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		0.34		mg/Kg	☼	05/19/21 20:02	05/20/21 14:04	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-62-5-10-2021

Lab Sample ID: 580-103138-24

Date Collected: 05/17/21 14:11

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.3		0.1		%			05/20/21 12:48	1
Percent Moisture	3.7		0.1		%			05/20/21 12:48	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-62-5-10-2021

Lab Sample ID: 580-103138-24

Date Collected: 05/17/21 14:11

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 96.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2		0.34		mg/Kg	☼	05/19/21 20:02	05/20/21 14:08	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-63-5-10-2021

Lab Sample ID: 580-103138-26

Date Collected: 05/17/21 14:31

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.5		0.1		%			05/20/21 13:00	1
Percent Moisture	10.5		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-63-5-10-2021

Lab Sample ID: 580-103138-26

Date Collected: 05/17/21 14:31

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		0.47		mg/Kg	☼	05/19/21 20:02	05/20/21 14:12	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-64-5-10-2021

Lab Sample ID: 580-103138-29

Date Collected: 05/17/21 15:21

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.8		0.1		%			05/20/21 13:00	1
Percent Moisture	10.2		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-64-5-10-2021

Lab Sample ID: 580-103138-29

Date Collected: 05/17/21 15:21

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		0.34		mg/Kg	☼	05/19/21 20:02	05/20/21 14:16	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-65-5-10-2021

Lab Sample ID: 580-103138-32

Date Collected: 05/17/21 15:36

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	95.0		0.1		%			05/20/21 13:00	1
Percent Moisture	5.0		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-65-5-10-2021

Lab Sample ID: 580-103138-32

Date Collected: 05/17/21 15:36

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 95.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		0.34		mg/Kg	✱	05/19/21 20:02	05/20/21 14:19	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.6		0.1		%			05/20/21 13:00	1
Percent Moisture	11.4		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	57		0.37		mg/Kg	✱	05/19/21 20:02	05/20/21 14:23	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-67-5-10-2021

Lab Sample ID: 580-103138-38

Date Collected: 05/17/21 16:21

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.2		0.1		%			05/20/21 13:00	1
Percent Moisture	11.8		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-67-5-10-2021

Lab Sample ID: 580-103138-38

Date Collected: 05/17/21 16:21

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.2

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	38		0.36		mg/Kg	✱	05/19/21 20:02	05/20/21 14:27	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-54-41-47-2021

Lab Sample ID: 580-103138-42

Date Collected: 05/17/21 10:17

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82.7		0.1		%			05/20/21 13:00	1
Percent Moisture	17.3		0.1		%			05/20/21 13:00	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-54-41-47-2021

Lab Sample ID: 580-103138-42

Date Collected: 05/17/21 10:17

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 82.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17		0.39		mg/Kg	☼	05/19/21 20:02	05/20/21 14:31	10

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-356952/23-A
Matrix: Solid
Analysis Batch: 357065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 356952

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/Kg		05/19/21 20:02	05/20/21 12:21	10

Lab Sample ID: LCS 580-356952/24-A
Matrix: Solid
Analysis Batch: 357065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 356952

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	49.8		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 580-356952/25-A
Matrix: Solid
Analysis Batch: 357065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 356952

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	50.0	49.1		mg/Kg		98	80 - 120	1	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-55-5-10-2021

Lab Sample ID: 580-103138-2

Date Collected: 05/17/21 10:36

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-55-5-10-2021

Lab Sample ID: 580-103138-2

Date Collected: 05/17/21 10:36

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:22	FCW	FGS SEA

Client Sample ID: P14-S-56-5-10-2021

Lab Sample ID: 580-103138-5

Date Collected: 05/17/21 10:56

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-56-5-10-2021

Lab Sample ID: 580-103138-5

Date Collected: 05/17/21 10:56

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:26	FCW	FGS SEA

Client Sample ID: P14-S-57-5-10-2021

Lab Sample ID: 580-103138-8

Date Collected: 05/17/21 11:01

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-57-5-10-2021

Lab Sample ID: 580-103138-8

Date Collected: 05/17/21 11:01

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:30	FCW	FGS SEA

Client Sample ID: P14-S-58-24-30-2021

Lab Sample ID: 580-103138-11

Date Collected: 05/17/21 12:01

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Eurofins FGS, Seattle

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-58-24-30-2021

Lab Sample ID: 580-103138-11

Date Collected: 05/17/21 12:01

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:34	FCW	FGS SEA

Client Sample ID: P14-S-59-41-47-2021

Lab Sample ID: 580-103138-15

Date Collected: 05/17/21 12:47

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-59-41-47-2021

Lab Sample ID: 580-103138-15

Date Collected: 05/17/21 12:47

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:37	FCW	FGS SEA

Client Sample ID: P14-S-60-40-46-2021

Lab Sample ID: 580-103138-18

Date Collected: 05/17/21 13:22

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-60-40-46-2021

Lab Sample ID: 580-103138-18

Date Collected: 05/17/21 13:22

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 13:41	FCW	FGS SEA

Client Sample ID: P14-S-61-5-16-2021

Lab Sample ID: 580-103138-20

Date Collected: 05/17/21 13:41

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-61-5-16-2021

Lab Sample ID: 580-103138-20

Date Collected: 05/17/21 13:41

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:04	FCW	FGS SEA

Client Sample ID: P14-S-62-5-10-2021

Lab Sample ID: 580-103138-24

Date Collected: 05/17/21 14:11

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 12:48	HDG	FGS SEA

Client Sample ID: P14-S-62-5-10-2021

Lab Sample ID: 580-103138-24

Date Collected: 05/17/21 14:11

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:08	FCW	FGS SEA

Client Sample ID: P14-S-63-5-10-2021

Lab Sample ID: 580-103138-26

Date Collected: 05/17/21 14:31

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Client Sample ID: P14-S-63-5-10-2021

Lab Sample ID: 580-103138-26

Date Collected: 05/17/21 14:31

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:12	FCW	FGS SEA

Client Sample ID: P14-S-64-5-10-2021

Lab Sample ID: 580-103138-29

Date Collected: 05/17/21 15:21

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-64-5-10-2021

Lab Sample ID: 580-103138-29

Date Collected: 05/17/21 15:21

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:16	FCW	FGS SEA

Client Sample ID: P14-S-65-5-10-2021

Lab Sample ID: 580-103138-32

Date Collected: 05/17/21 15:36

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Client Sample ID: P14-S-65-5-10-2021

Lab Sample ID: 580-103138-32

Date Collected: 05/17/21 15:36

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:19	FCW	FGS SEA

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:23	FCW	FGS SEA

Client Sample ID: P14-S-67-5-10-2021

Lab Sample ID: 580-103138-38

Date Collected: 05/17/21 16:21

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Client Sample ID: P14-S-67-5-10-2021

Lab Sample ID: 580-103138-38

Date Collected: 05/17/21 16:21

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:27	FCW	FGS SEA

Client Sample ID: P14-S-54-41-47-2021

Lab Sample ID: 580-103138-42

Date Collected: 05/17/21 10:17

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	356975	05/20/21 13:00	HDG	FGS SEA

Client Sample ID: P14-S-54-41-47-2021

Lab Sample ID: 580-103138-42

Date Collected: 05/17/21 10:17

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			356952	05/19/21 20:02	TMH	FGS SEA
Total/NA	Analysis	6020B		10	357065	05/20/21 14:31	FCW	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Laboratory: Eurofins FGS, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids



Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103138-2	P14-S-55-5-10-2021	Solid	05/17/21 10:36	05/18/21 13:50	
580-103138-5	P14-S-56-5-10-2021	Solid	05/17/21 10:56	05/18/21 13:50	
580-103138-8	P14-S-57-5-10-2021	Solid	05/17/21 11:01	05/18/21 13:50	
580-103138-11	P14-S-58-24-30-2021	Solid	05/17/21 12:01	05/18/21 13:50	
580-103138-15	P14-S-59-41-47-2021	Solid	05/17/21 12:47	05/18/21 13:50	
580-103138-18	P14-S-60-40-46-2021	Solid	05/17/21 13:22	05/18/21 13:50	
580-103138-20	P14-S-61-5-16-2021	Solid	05/17/21 13:41	05/18/21 13:50	
580-103138-24	P14-S-62-5-10-2021	Solid	05/17/21 14:11	05/18/21 13:50	
580-103138-26	P14-S-63-5-10-2021	Solid	05/17/21 14:31	05/18/21 13:50	
580-103138-29	P14-S-64-5-10-2021	Solid	05/17/21 15:21	05/18/21 13:50	
580-103138-32	P14-S-65-5-10-2021	Solid	05/17/21 15:36	05/18/21 13:50	
580-103138-35	P14-S-66-5-10-2021	Solid	05/17/21 15:56	05/18/21 13:50	
580-103138-38	P14-S-67-5-10-2021	Solid	05/17/21 16:21	05/18/21 13:50	
580-103138-42	P14-S-54-41-47-2021	Solid	05/17/21 10:17	05/18/21 13:50	

Eurofins EGS, Seattle

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Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information	Sampler: <u>SP</u>	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 1 of 4
Company: Anchor QEA LLC	PWSID:	Analysis Requested		Job #: 103138

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	Field Filtered Samples (Yes or No) Perform MS/MSD (Yes or No) 6020B - Total Arsenic 6010D - TCLP Arsenic 6010D - SPLP Arsenic Archive	Therm. ID: <u>IR8</u> Cor: <u>4.9</u> ° Unc: <u>5.4</u> ° Non Codes:
City: Seattle	TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		Cooler Dsc: <u>Light Blue</u>
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Packing: <u>Other</u> FedEx: _____
Phone: 206-903-3394(Tel)	PO #: 200092-01.11		Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UPS: _____
Email: cfields@anchorqea.com	WO #:		Blue Ice: <u>Wet, Dry, None</u> Other: <u>Clidra</u>
Project Name: Parcel 14 Soil Investigation	Project #: 58016541	Therm. ID: <u>IR8</u> Cor: <u>7.0</u> ° Unc: <u>7.5</u> °	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
Site:	SSOW#:	Packing: <u>Other</u> FedEx: _____	Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UPS: _____
		Blue Ice: <u>Wet, Dry, None</u> Other: _____	Lab Cour: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	Field Filtered Samples (Yes or No)				Total No	Special Instructions/Note:
					Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic		
P14-S-55-0-5-2021	5/14/21	1035	G	S	X	N	N	N	X	*HOLD ALL TCLP + SPLP UNTIL TOTAL AS RESULTS + REQUEST FROM AQ*
P14-S-55-5-10-2021	5/14/21	1036	G	S	X	X	X	X	X	
P14-S-55-30-30-2021	5/14/21	1032	G	S	X	X	X	X	X	
P14-S-56-0-5-2021	5/14/21	1055	G	S	X	X	X	X	X	
P14-S-56-5-10-2021	5/14/21	1056	G	S	X	X	X	X	X	
P14-S-56-30-30-2021	5/14/21	1057	G	S	X	X	X	X	X	
P14-S-57-0-5-2021	5/14/21	1100	G	S	X	X	X	X	X	
P14-S-57-5-10-2021	5/14/21	1101	G	S	X	X	X	X	X	
P14-S-57-30-30-2021	5/14/21	1102	G	S	X	X	X	X	X	
P14-S-58-0-5-2021	5/14/21	1200	G	S	X	X	X	X	X	
P14-S-58-20-30-2021	5/14/21	1201	G	S	X	X	X	X	X	



Possible Hazard Identification	<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:		

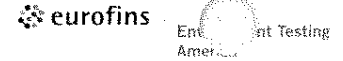
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>SCP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Stankovic</u>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
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Chain of Custody Record

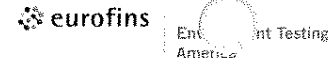


Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1	
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 2 of 4	
Company: Anchor QEA LLC		PWSID:		Analysis Requested				Job #: 103138	
Address: 1201 3rd Ave Suite 2600		Due Date Requested:						Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)	
City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)			
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		6020B - Total Arsenic		6010D - TCLP Arsenic		SEE PG 1	
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		6010D - SPLP Arsenic		Archive			
Email: cfields@anchorqea.com		WFO #:		Total Number of Containers				SP	
Project Name: Parcel 14 Soil Investigation		Project #: 58016541							
Site:		SSOW#:							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
		5/18/21							
P14-S-58-30-36-2021		5/14/21		1202		G		S	
-13 P14-S-59-0-5-2021		5/14/21		1245		I		S	
P14-S-59-35-41-2021		5/14/21		1246		I		S	
-15 P14-S-59-41-47-2021		5/14/21		1247		I		S	
P14-S-60-0-5-2021		5/14/21		1320		I		S	
-17 P14-S-60-32-40-2021		5/14/21		1321		I		S	
P14-S-60-40-46-2021		5/14/21		1322		I		S	
-19 P14-S-61-0-5-2021		5/14/21		1340		I		S	
P14-S-61-5-16-2021		5/14/21		1341		I		S	
-21 P14-S-61-30-36-2021		5/14/21		1342		I		S	
P14-S-62-30-36-2021		5/14/21		1412		I		S	
Possible Hazard Identification					Sample Disposal (*A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by: <u>SLP</u>		Date/Time: <u>5/18/21 1350</u>		Company: <u>AO</u>		Received by: <u>Tony Stankovic</u>		Date/Time: <u>5/18/21 1350</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Eurofins QGS, Seattle

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Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 3 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: 103138																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filled Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic							6010D - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, Sp=soil, O=waste/oil, BT=Tissue, A=Air)	Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Special Instructions/Note:
P14-S-02-0-5-2021	5/14/21	1416	G	S	X	X	N	N	N	N	SEE PS 1
P14-S-02-5-10-2021	5/14/21	1411		S			X	X	X		
P14-S-03-0-5-2021	5/14/21	1430		S					X		
P14-S-03-5-10-2021	5/14/21	1431		S			X	X	X		
P14-S-03-30-36-2021	5/14/21	1432		S					X		
P14-S-04-0-5-2021	5/14/21	1520		S					X		
P14-S-04-5-10-2021	5/14/21	1521		S			X	X	X		
P14-S-04-30-36-2021	5/14/21	1522		S					X		
P14-S-05-0-5-2021	5/14/21	1535		S					X		
P14-S-05-5-10-2021	5/14/21	1536		S			X	X	X		
P14-S-05-30-36-2021	5/14/21	1537		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____
 Special Instructions/QC Requirements: _____

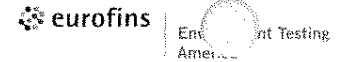
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>SCP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Blanton</u>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Yes No
 Custody Seal No.: _____
 Cooler Temperature(s) °C and Other Remarks: _____

Eurofins SGS, Seattle

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Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler: <i>SP</i>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 4 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: 103138																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic							6010D - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days): 3 DAY (TOTAL AS)		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WD #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDTA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers	Special Instructions/Note:
P14-S-66-0-5-2021	5/14/21	1555	G	S			N	N	N	N		SEE PG 1
P14-S-66-5-16-2021	5/14/21	1556		S			X	X	X			
P14-S-66-30-36-2021	5/14/21	1557		S						X		
P14-S-67-0-5-2021	5/14/21	1626		S						X		
P14-S-67-5-10-2021	5/14/21	1621		S			X	X	X			
P14-S-67-30-36-2021	5/14/21	1622		S						X		
P14-S-54-0-5-2021	5/14/21	1015		S						X		
P14-S-50-29-41-2021	5/14/21	1016		S						X		
P14-S-50-41-47-2021	5/14/21	1017		S			X	X	X			
P14-S-	5/14/21			S								
P14-S-	5/14/21			S								

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: <i>SP</i>	Date/Time: 5/18/21 1350	Company: <i>AQ</i>	Received by: <i>Tom B...</i>	Date/Time: 5/18/21 1350	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103138-1

Login Number: 103138

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Blankinship, Tom X

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103138-2
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields



Authorized for release by:
6/8/2021 4:21:28 PM

Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Job ID: 580-103138-2

Laboratory: Eurofins FGS, Seattle

Narrative

Job Narrative
580-103138-2

Comments

No additional comments.

Receipt

The samples were received on 5/18/2021 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.9° C and 7.0° C.

Receipt Exceptions

The container labels for every sample did not match the information listed on the Chain-of-Custody (COC). The container label of every sample lists the sampling date 5/14/21, while the COC lists 5/17/21. The samples are logged in per COC.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

Method: 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:35	06/07/21 12:29	1

Method: 6010D - Metals (ICP) - SPLP West

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 23:34	1

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 580-358332/14-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 22:55	1

Lab Sample ID: MB 580-358332/15-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:32	06/07/21 22:51	1

Lab Sample ID: LCS 580-358332/16-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: LCSD 580-358332/17-A
Matrix: Solid
Analysis Batch: 358569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.00	1.02		mg/L		102	80 - 120	0	20

Lab Sample ID: MB 580-358333/15-A
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358333

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		06/04/21 12:36	06/07/21 12:20	1

Lab Sample ID: LCS 580-358333/16-A
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.03		mg/L		103	80 - 120

Lab Sample ID: LCSD 580-358333/17-A
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358333

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.00	1.04		mg/L		104	80 - 120	1	20

Lab Sample ID: 580-103138-35 MS
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: P14-S-66-5-10-2021
Prep Type: TCLP
Prep Batch: 358333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.04		mg/L		104	80 - 120

Eurofins FGS, Seattle

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Method: 6010D - Metals (ICP)

Lab Sample ID: 580-103138-35 MSD
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: P14-S-66-5-10-2021
Prep Type: TCLP
Prep Batch: 358333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.02		mg/L		102	80 - 120	2	20

Lab Sample ID: 580-103138-35 DU
Matrix: Solid
Analysis Batch: 358503

Client Sample ID: P14-S-66-5-10-2021
Prep Type: TCLP
Prep Batch: 358333

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	ND		ND		mg/L		NC	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Client Sample ID: P14-S-66-5-10-2021

Lab Sample ID: 580-103138-35

Date Collected: 05/17/21 15:56

Matrix: Solid

Date Received: 05/18/21 13:50

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
SPLP West	Leach	1312			358177	06/03/21 09:43	JLS	FGS SEA
SPLP West	Prep	3010A			358332	06/04/21 12:32	JLS	FGS SEA
SPLP West	Analysis	6010D		1	358569	06/07/21 23:34	TMH	FGS SEA
TCLP	Leach	1311			358165	06/03/21 09:19	JLS	FGS SEA
TCLP	Prep	3010A			358333	06/04/21 12:35	JLS	FGS SEA
TCLP	Analysis	6010D		1	358503	06/07/21 12:29	TMH	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Laboratory: Eurofins FGS, Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103138-35	P14-S-66-5-10-2021	Solid	05/17/21 15:56	05/18/21 13:50	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information	Sampler: <u>SP</u>	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 1 of 4
Company: Anchor QEA LLC	PWSID:	Analysis Requested		Job #: 103138

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	Field Filtered Samples (Yes or No) Perform MS/MSD (Yes or No) 6020B - Total Arsenic 6010D - TCLP Arsenic 6010D - SPLP Arsenic Archive	Therm. ID: <u>IR8</u> Cor: <u>4.9</u> ° Unc: <u>5.4</u> ° Non Codes:
City: Seattle	TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		Cooler Dsc: <u>Light Blue</u>
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Packing: <u>Other</u> FedEx: _____
Phone: 206-903-3394(Tel)	PO #: 200092-01.11		Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UPS: _____
Email: cfields@anchorqea.com	WO #:		Blue Ice: <u>Wet, Dry, None</u> Other: <u>Clidra</u>
Project Name: Parcel 14 Soil Investigation	Project #: 58016541	Therm. ID: <u>IR8</u> Cor: <u>7.0</u> ° Unc: <u>7.5</u> °	M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)
Site:	SSOW#:	Packing: <u>Other</u> FedEx: _____	Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UPS: _____
		Blue Ice: <u>Wet, Dry, None</u> Other: _____	Lab Cour: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	Field Filtered Samples (Yes or No)				Total No	Special Instructions/Note:
					Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic		
	<u>5/17/21</u>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
-1 P14-S-55-0-5-2021	5/14/21	1035	G	S				X		*HOLD ALL TCLP + SPLP UNTIL TOTAL AS RESULTS + REQUEST FROM AQ*
P14-S-55-5-10-2021	5/14/21	1036		S		X	X			
-3 P14-S-55-30-30-2021	5/14/21	1032		S				X		
P14-S-56-0-5-2021	5/14/21	1055		S				X		
-5 P14-S-56-5-10-2021	5/14/21	1056		S		X	X		CP	
P14-S-56-30-30-2021	5/14/21	1057		S				X		
-7 P14-S-57-0-5-2021	5/14/21	1100		S				X		
P14-S-57-5-10-2021	5/14/21	1101		S		X	X			
-9 P14-S-57-30-30-2021	5/14/21	1102		S				X		
P14-S-58-0-5-2021	5/14/21	1200		S				X		
-11 P14-S-58-20-30-2021	5/14/21	1201		S		X	X			



Possible Hazard Identification	<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:		

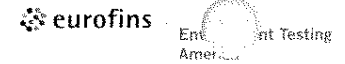
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>SCP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Stankovic</u>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
---	-------------------	---

Eurofins QES, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record

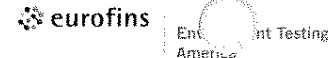


Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1											
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 2 of 4											
Company: Anchor QEA LLC		PWSID:		Analysis Requested				Job #: 103138											
Address: 1201 3rd Ave Suite 2600		Due Date Requested:						<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive				
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive														
City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>																	
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Phone: 206-903-3394(Tel)		PO #: 200092-01.11																	
Email: cfields@anchorqea.com		W/O #:																	
Project Name: Parcel 14 Soil Investigation		Project #: 58016541																	
Site:		SSOW#:																	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)											
		5/18/21																	
								Preservation Code:											
P14-S-58-30-36-2021		5/14/21		1202		G		S											
-13 P14-S-59-0-5-2021		5/14/21		1245		I		S											
P14-S-59-35-41-2021		5/14/21		1246		I		S											
-15 P14-S-59-41-47-2021		5/14/21		1247		I		S											
P14-S-60-0-5-2021		5/14/21		1320		I		S											
-17 P14-S-60-32-40-2021		5/14/21		1321		I		S											
P14-S-60-40-46-2021		5/14/21		1322		I		S											
-19 P14-S-61-0-5-2021		5/14/21		1340		I		S											
P14-S-61-5-16-2021		5/14/21		1341		I		S											
-21 P14-S-61-30-36-2021		5/14/21		1342		I		S											
P14-S-62-30-36-2021		5/14/21		1412		I		S											
Possible Hazard Identification					Sample Disposal (*A fee may be assessed if samples are retained longer than 1 month)														
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months														
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:														
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:													
Relinquished by: <u>SLP</u>		Date/Time: <u>5/18/21 1350</u>		Company: <u>AO</u>		Received by: <u>Tony Stankovic</u>		Date/Time: <u>5/18/21 1350</u>											
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:											
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:															

Eurofins QGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 3 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: 103138																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filled Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic							6010D - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, Sp=soil, O=waste/oil, BT=Tissue, A=Air)	Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Special Instructions/Note:
P14-S-02-0-5-2021	5/14/21	1416	G	S	X	X	N	N	N	N	SEE PS 1
P14-S-02-5-10-2021	5/14/21	1411		S			X	X	X		
P14-S-03-0-5-2021	5/14/21	1430		S					X		
P14-S-03-5-10-2021	5/14/21	1431		S			X	X	X		
P14-S-03-30-36-2021	5/14/21	1432		S					X		
P14-S-04-0-5-2021	5/14/21	1520		S					X		
P14-S-04-5-10-2021	5/14/21	1521		S			X	X	X		
P14-S-04-30-36-2021	5/14/21	1522		S					X		
P14-S-05-0-5-2021	5/14/21	1535		S					X		
P14-S-05-5-10-2021	5/14/21	1536		S			X	X	X		
P14-S-05-30-36-2021	5/14/21	1537		S					X		

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

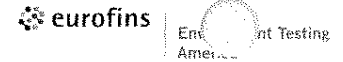
Relinquished by: <u>SCP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Blanton</u>	Date/Time: <u>5/18/21 1350</u>	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Eurofins SGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 4 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: 103138																																
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="5">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																									Preservation Codes:	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic							6010D - SPLP Arsenic	Archive	Total Number of Containers																														
City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		A - HCL		M - Hexane																																				
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WD #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
				G - Amchlor		S - H2SO4																																				
				H - Ascorbic Acid		T - TSP Dodecahydrate																																				
				I - Ice		U - Acetone																																				
				J - DI Water		V - MCAA																																				
				K - EDTA		W - pH 4-5																																				
				L - EDTA		Z - other (specify)																																				
				Other:																																						

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers	Special Instructions/Note:
P14-S-66-0-5-2021	5/14/21	1555	G	S			N	N	N	N		SEE PG 1
P14-S-66-5-16-2021	5/14/21	1556		S			X	X	X			
P14-S-66-30-36-2021	5/14/21	1557		S						X		
P14-S-67-0-5-2021	5/14/21	1626		S						X		
P14-S-67-5-10-2021	5/14/21	1621		S			X	X	X			
P14-S-67-30-36-2021	5/14/21	1622		S						X		
P14-S-54-0-5-2021	5/14/21	1015		S						X		
P14-S-50-29-41-2021	5/14/21	1016		S						X		
P14-S-50-41-47-2021	5/14/21	1017		S			X	X	X			
P14-S-	5/14/21			S								
P14-S-	5/14/21			S								

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: <u>SP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom B...</u>	Date/Time: <u>5/18/21 1350</u>	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103138-2

Login Number: 103138

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Blankinship, Tom X

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103138-3
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields



Authorized for release by:
5/25/2021 1:27:18 PM
Pauline Matlock, Project Manager
(253)922-2310
pauline.matlock@eurofinset.com
Designee for
Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary	12
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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Job ID: 580-103138-3

Laboratory: Eurofins FGS, Seattle

Narrative

**Job Narrative
580-103138-3**

Comments

No additional comments.

Receipt

The samples were received on 5/18/2021 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.9° C and 7.0° C.

Receipt Exceptions

The container labels for every sample did not match the information listed on the Chain-of-Custody (COC): The container label of every sample lists the sampling date 5/14/21, while the COC lists 5/17/21. The samples are logged in per the COC.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Client Sample ID: P14-S-66-30-36-2021

Lab Sample ID: 580-103138-36

Date Collected: 05/17/21 15:57

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	80.8		0.1		%			05/24/21 09:58	1
Percent Moisture	19.2		0.1		%			05/24/21 09:58	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Client Sample ID: P14-S-66-30-36-2021

Lab Sample ID: 580-103138-36

Date Collected: 05/17/21 15:57

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 80.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0		0.44		mg/Kg	☼	05/22/21 08:19	05/25/21 04:28	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Client Sample ID: P14-S-67-30-36-2021

Lab Sample ID: 580-103138-39

Date Collected: 05/17/21 16:22

Matrix: Solid

Date Received: 05/18/21 13:50

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	69.2		0.1		%			05/24/21 09:58	1
Percent Moisture	30.8		0.1		%			05/24/21 09:58	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Client Sample ID: P14-S-67-30-36-2021

Lab Sample ID: 580-103138-39

Date Collected: 05/17/21 16:22

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 69.2

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		0.55		mg/Kg	☼	05/22/21 08:19	05/25/21 04:32	10

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-357165/23-A
Matrix: Solid
Analysis Batch: 357347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 357165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.25		mg/Kg		05/22/21 08:19	05/25/21 03:38	5

Lab Sample ID: LCS 580-357165/24-A
Matrix: Solid
Analysis Batch: 357347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 357165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.5		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 580-357165/25-A
Matrix: Solid
Analysis Batch: 357347

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 357165

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	50.0	50.1		mg/Kg		100	80 - 120	1	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Client Sample ID: P14-S-66-30-36-2021

Lab Sample ID: 580-103138-36

Date Collected: 05/17/21 15:57

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	357238	05/24/21 09:58	HDG	FGS SEA

Client Sample ID: P14-S-66-30-36-2021

Lab Sample ID: 580-103138-36

Date Collected: 05/17/21 15:57

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			357165	05/22/21 08:19	JCP	FGS SEA
Total/NA	Analysis	6020B		10	357347	05/25/21 04:28	FCW	FGS SEA

Client Sample ID: P14-S-67-30-36-2021

Lab Sample ID: 580-103138-39

Date Collected: 05/17/21 16:22

Matrix: Solid

Date Received: 05/18/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	357238	05/24/21 09:58	HDG	FGS SEA

Client Sample ID: P14-S-67-30-36-2021

Lab Sample ID: 580-103138-39

Date Collected: 05/17/21 16:22

Matrix: Solid

Date Received: 05/18/21 13:50

Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			357165	05/22/21 08:19	JCP	FGS SEA
Total/NA	Analysis	6020B		10	357347	05/25/21 04:32	FCW	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Laboratory: Eurofins FGS, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids



Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103138-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103138-36	P14-S-66-30-36-2021	Solid	05/17/21 15:57	05/18/21 13:50	
580-103138-39	P14-S-67-30-36-2021	Solid	05/17/21 16:22	05/18/21 13:50	

- 1
- 2
- 3
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- 5
- 6
- 7
- 8
- 9
- 10
- 11

Eurofins EGS, Seattle

5755 8th Street
Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record



Client Information	Sampler: <u>SP</u>	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43410-13885.1
Client Contact: Cindy Fields	Phone:	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: 1 of 4
Company: Anchor QEA LLC	PWSID:	Analysis Requested		Job #: 103138

Address: 1201 3rd Ave Suite 2600	Due Date Requested:	Field Filtered Samples (Yes or No) Perform MS/MSD (Yes or No) 6020B - Total Arsenic 6010D - TCLP Arsenic 6010D - SPLP Arsenic Archive	Therm. ID: <u>IR8</u> Cor: <u>4.9</u> ° Unc: <u>5.4</u> ° Non Codes:
City: Seattle	TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		Cooler Dsc: <u>Light Blue</u>
State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Packing: <u>Other</u> FedEx: _____
Phone: 206-903-3394(Tel)	PO #: 200092-01.11		Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UPS: _____
Email: cfields@anchorqea.com	WO #:		Blue Ice: <u>Wet, Dry, None</u> Other: <u>Clidra</u>

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air)	Field Filtered Samples (Yes or No)				Total No	Special Instructions/Note:
					Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic		
P14-S-55-0-5-2021	5/14/21	1035	G	S	X	N	N	N	X	*HOLD ALL TCLP + SPLP UNTIL TOTAL AS RESULTS + REQUEST FROM AQ*
P14-S-55-5-10-2021	5/14/21	1036		S	X	X	X	X	X	
P14-S-55-30-30-2021	5/14/21	1032		S				X	X	
P14-S-56-0-5-2021	5/14/21	1055		S				X	X	
P14-S-56-5-10-2021	5/14/21	1056		S	X	X	X	X	X	
P14-S-56-30-30-2021	5/14/21	1057		S				X	X	
P14-S-57-0-5-2021	5/14/21	1100		S				X	X	
P14-S-57-5-10-2021	5/14/21	1101		S	X	X	X	X	X	
P14-S-57-30-30-2021	5/14/21	1102		S				X	X	
P14-S-58-0-5-2021	5/14/21	1200		S				X	X	
P14-S-58-21-30-2021	5/14/21	1201		S	X	X	X	X	X	



Possible Hazard Identification	<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months

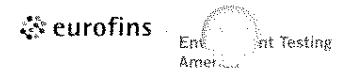
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <u>SCP</u>	Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Stankovic</u>
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
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Eurofins QES, Seattle

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Tacoma, WA 98424
Phone (253) 922-2310 Phone (425) 420-9210

Chain of Custody Record

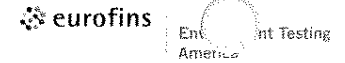


Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																						
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: Page <u>2</u> of <u>4</u>																																						
Company: Anchor QEA LLC				PWSID:		Analysis Requested																																								
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>6020B - Total Arsenic</td> <td>6010D - TCLP Arsenic</td> <td>6010D - SPLP Arsenic</td> <td>Archive</td> <td rowspan="6">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Total Number of Containers																															Job #: <u>103138</u>	
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City: Seattle		TAT Requested (days): <u>3 DAY (TOTAL AS)</u>		<p>Preservation Codes:</p> <table border="0"> <tr> <td>A - HCl</td> <td>M - Hexane</td> </tr> <tr> <td>B - NaOH</td> <td>N - None</td> </tr> <tr> <td>C - Zn Acetate</td> <td>O - AsNaO2</td> </tr> <tr> <td>D - Nitric Acid</td> <td>P - Na2O4S</td> </tr> <tr> <td>E - NaHSO4</td> <td>Q - Na2SO3</td> </tr> <tr> <td>F - MeOH</td> <td>R - Na2S2O3</td> </tr> <tr> <td>G - Amchlor</td> <td>S - H2SO4</td> </tr> <tr> <td>H - Ascorbic Acid</td> <td>T - TSP Dodecahydrate</td> </tr> <tr> <td>I - Ice</td> <td>U - Acetone</td> </tr> <tr> <td>J - DI Water</td> <td>V - MCAA</td> </tr> <tr> <td>K - EDTA</td> <td>W - pH 4-5</td> </tr> <tr> <td>L - EDA</td> <td>Z - other (specify)</td> </tr> </table> <p>Other:</p>						A - HCl	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4-5	L - EDA	Z - other (specify)													
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Phone: 206-903-3394(Tel)		PO #: 200092-01.11																																												
Email: cfields@anchorqea.com		W/O #:																																												
Project Name: Parcel 14 Soil Investigation		Project #: 58016541																																												
Site:		SSOW#:																																												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)					Special Instructions/Note:																																				
		<u>5/18/21</u>																																												
P14-S- <u>58-30-36</u> -2021		5/14/21	1202	G	S	X	N	N	N	N	SEE PG 1																																			
-13	P14-S- <u>59-0-5</u> -2021	5/14/21	1245		S																																									
	P14-S- <u>59-35-41</u> -2021	5/14/21	1246		S																																									
-15	P14-S- <u>59-41-47</u> -2021	5/14/21	1247		S	X	X	X				SP																																		
	P14-S- <u>60-0-5</u> -2021	5/14/21	1320		S																																									
-17	P14-S- <u>60-32-40</u> -2021	5/14/21	1321		S																																									
	P14-S- <u>60-40-46</u> -2021	5/14/21	1322		S	X	X	X																																						
-19	P14-S- <u>61-0-5</u> -2021	5/14/21	1340		S				X																																					
	P14-S- <u>61-5-16</u> -2021	5/14/21	1341		S	X	X	X																																						
-21	P14-S- <u>61-30-36</u> -2021	5/14/21	1342		S				X																																					
	P14-S- <u>62-30-36</u> -2021	5/14/21	1412		S				X																																					
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																								
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																								
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Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:																																						
Relinquished by: <u>SLP</u>		Date/Time: <u>5/18/21 1356</u>		Company: <u>AQ</u>		Received by: <u>Tony Stankovic</u>		Date/Time: <u>5/18/21 1350</u>		Company:																																				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																				
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Chain of Custody Record



Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 3 of 4																																		
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: 103138																																
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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		B - NaOH		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		C - Zn Acetate		O - AsNaO2																																				
Email: cfields@anchorqea.com		WO #:		D - Nitric Acid		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		E - NaHSO4		Q - Na2SO3																																				
Site:		SSOW#:		F - MeOH		R - Na2S2O3																																				
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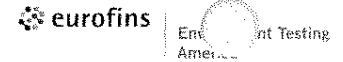
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, Sp=soil, O=waste/oil, BT=Tissue, A=Air)	Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Total Arsenic	6010D - TCLP Arsenic	6010D - SPLP Arsenic	Archive	Special Instructions/Note:
	5/17/21										
-23 P14-S-02-0-5-2021	5/14/21	1416	G	S	X	X	N	N	N	N	SEE PS 1
P14-S-02-5-10-2021	5/14/21	1411		S			X	X	X		SEE PS 1
-25 P14-S-03-0-5-2021	5/14/21	1430		S			X	X	X		
P14-S-03-5-10-2021	5/14/21	1431		S			X	X	X		
-27 P14-S-03-30-36-2021	5/14/21	1432		S					X		
P14-S-04-0-5-2021	5/14/21	1520		S					X		
-29 P14-S-04-5-10-2021	5/14/21	1521		S			X	X	X		
P14-S-04-30-36-2021	5/14/21	1522		S					X		
-31 P14-S-05-0-5-2021	5/14/21	1535		S					X		
P14-S-05-5-10-2021	5/14/21	1536		S			X	X	X		
-33 P14-S-05-30-36-2021	5/14/21	1537		S					X		

Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological	<input type="checkbox"/> Return To Client	<input type="checkbox"/> Disposal By Lab	<input type="checkbox"/> Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:				
Relinquished by: <u>SCP</u>		Date/Time: <u>5/18/21 1350</u>	Company: <u>AQ</u>	Received by: <u>Tom Blanton</u>		Date/Time: <u>5/18/21 1350</u>	Company:	
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:	
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:				

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Chain of Custody Record



Client Information		Sampler: <u>SP</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43410-13885.1																																		
Client Contact: Cindy Fields		Phone:		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: 4 of 4																																		
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State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		D - Nitric Acid		N - None																																				
Phone: 206-903-3394(Tel)		PO #: 200092-01.11		E - NaHSO4		O - AsNaO2																																				
Email: cfields@anchorqea.com		WD #:		F - MeOH		P - Na2O4S																																				
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		G - Amchlor		Q - Na2SO3																																				
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P14-S-66-0-5-2021	5/14/21	1555	G	S			N	N	N	N		SEE PG 1
P14-S-66-5-16-2021	5/14/21	1556		S			X	X	X			
P14-S-66-30-36-2021	5/14/21	1557		S						X		
P14-S-67-0-5-2021	5/14/21	1626		S						X		
P14-S-67-5-10-2021	5/14/21	1621		S			X	X	X			
P14-S-67-30-36-2021	5/14/21	1622		S						X		
P14-S-54-0-5-2021	5/14/21	1015		S						X		
P14-S-50-29-41-2021	5/14/21	1016		S						X		
P14-S-50-41-47-2021	5/14/21	1017		S			X	X	X			
P14-S-	5/14/21			S								
P14-S-	5/14/21			S								

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: <u>SP</u>	Date/Time: 5/18/21 1350	Company: <u>AQ</u>	Received by: <u>Tom B...</u>	Date/Time: 5/18/21 1350	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103138-3

Login Number: 103138

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Blankinship, Tom X

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins FGS, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-103508-1
Client Project/Site: Parcel 14 Soil Investigation

For:
Anchor QEA LLC
1201 3rd Ave
Suite 2600
Seattle, Washington 98101

Attn: Cindy Fields



Authorized for release by:
6/7/2021 3:41:56 PM

Nathan Lewis, Project Manager I
(253)922-2310
Nathan.Lewis@Eurofinset.com

LINKS

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results through
TotalAccess

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Job ID: 580-103508-1

Laboratory: Eurofins FGS, Seattle

Narrative

Job Narrative
580-103508-1

Comments

No additional comments.

Receipt

The samples were received on 6/2/2021 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.3° C and 0.8° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Definitions/Glossary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-41-18-24-2021

Lab Sample ID: 580-103508-1

Date Collected: 06/01/21 13:50

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87.7		0.1		%			06/03/21 09:49	1
Percent Moisture	12.3		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-41-18-24-2021

Lab Sample ID: 580-103508-1

Date Collected: 06/01/21 13:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 87.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		0.52		mg/Kg	✱	06/03/21 16:23	06/04/21 22:10	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-66-18-24-2021

Lab Sample ID: 580-103508-2

Date Collected: 06/01/21 13:45

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	84.7		0.1		%			06/03/21 09:49	1
Percent Moisture	15.3		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-66-18-24-2021

Lab Sample ID: 580-103508-2

Date Collected: 06/01/21 13:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 84.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.49		mg/Kg	☼	06/03/21 16:23	06/04/21 22:52	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-67-18-24-2021

Lab Sample ID: 580-103508-3

Date Collected: 06/01/21 13:40

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.3		0.1		%			06/03/21 09:49	1
Percent Moisture	11.7		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-67-18-24-2021

Lab Sample ID: 580-103508-3

Date Collected: 06/01/21 13:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9		0.55		mg/Kg	✳	06/03/21 16:23	06/04/21 22:56	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-71-21-2021

Lab Sample ID: 580-103508-4

Date Collected: 06/01/21 12:10

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.0		0.1		%			06/03/21 09:49	1
Percent Moisture	9.0		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-71-21-2021

Lab Sample ID: 580-103508-4

Date Collected: 06/01/21 12:10

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 91.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		0.41		mg/Kg	☼	06/03/21 16:23	06/04/21 23:00	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-68-27-2021

Lab Sample ID: 580-103508-5

Date Collected: 06/01/21 13:20

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87.5		0.1		%			06/03/21 09:49	1
Percent Moisture	12.5		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-68-27-2021

Lab Sample ID: 580-103508-5

Date Collected: 06/01/21 13:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 87.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		0.44		mg/Kg	☼	06/03/21 16:23	06/04/21 23:04	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-69-27-2021

Lab Sample ID: 580-103508-6

Date Collected: 06/01/21 13:25

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.5		0.1		%			06/03/21 09:49	1
Percent Moisture	9.5		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-69-27-2021

Lab Sample ID: 580-103508-6

Date Collected: 06/01/21 13:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		0.40		mg/Kg	☼	06/03/21 16:23	06/04/21 23:07	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-70-21-2021

Lab Sample ID: 580-103508-7

Date Collected: 06/01/21 13:30

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.7		0.1		%			06/03/21 09:49	1
Percent Moisture	11.3		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-70-21-2021

Lab Sample ID: 580-103508-7

Date Collected: 06/01/21 13:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		0.55		mg/Kg	☼	06/03/21 16:23	06/04/21 23:11	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-72-21-2021

Lab Sample ID: 580-103508-8

Date Collected: 06/01/21 12:05

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.1		0.1		%			06/03/21 09:49	1
Percent Moisture	5.9		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-72-21-2021

Lab Sample ID: 580-103508-8

Date Collected: 06/01/21 12:05

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 94.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.6		0.43		mg/Kg	☼	06/03/21 16:23	06/04/21 23:15	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-73-21-2021

Lab Sample ID: 580-103508-9

Date Collected: 06/01/21 12:00

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	74.5		0.1		%			06/03/21 09:49	1
Percent Moisture	25.5		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-73-21-2021

Lab Sample ID: 580-103508-9

Date Collected: 06/01/21 12:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 74.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		0.61		mg/Kg	☼	06/03/21 16:23	06/04/21 23:19	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-74-21-2021

Lab Sample ID: 580-103508-10

Date Collected: 06/01/21 11:55

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.0		0.1		%			06/03/21 09:49	1
Percent Moisture	7.0		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-74-21-2021

Lab Sample ID: 580-103508-10

Date Collected: 06/01/21 11:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.42		mg/Kg	☼	06/03/21 16:23	06/04/21 23:23	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-75-21-2021

Lab Sample ID: 580-103508-11

Date Collected: 06/01/21 11:50

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.3		0.1		%			06/03/21 09:49	1
Percent Moisture	16.7		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-75-21-2021

Lab Sample ID: 580-103508-11

Date Collected: 06/01/21 11:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		0.52		mg/Kg	☼	06/03/21 16:23	06/04/21 22:06	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-76-21-2021

Lab Sample ID: 580-103508-12

Date Collected: 06/01/21 11:40

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.9		0.1		%			06/03/21 09:49	1
Percent Moisture	11.1		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-76-21-2021

Lab Sample ID: 580-103508-12

Date Collected: 06/01/21 11:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		0.42		mg/Kg	☼	06/03/21 16:23	06/05/21 02:12	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-77-18-2021

Lab Sample ID: 580-103508-13

Date Collected: 06/01/21 11:45

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.0		0.1		%			06/03/21 09:49	1
Percent Moisture	8.0		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-77-18-2021

Lab Sample ID: 580-103508-13

Date Collected: 06/01/21 11:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		0.41		mg/Kg	☼	06/03/21 16:23	06/05/21 02:16	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-78-5-10-2021

Lab Sample ID: 580-103508-14

Date Collected: 06/01/21 11:20

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.6		0.1		%			06/03/21 09:49	1
Percent Moisture	3.4		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-78-5-10-2021

Lab Sample ID: 580-103508-14

Date Collected: 06/01/21 11:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 96.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		0.51		mg/Kg	☼	06/03/21 16:23	06/05/21 02:20	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-78-18-24-2021

Lab Sample ID: 580-103508-15

Date Collected: 06/01/21 11:25

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.0		0.1		%			06/03/21 09:49	1
Percent Moisture	10		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-78-18-24-2021

Lab Sample ID: 580-103508-15

Date Collected: 06/01/21 11:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		0.52		mg/Kg	✱	06/03/21 16:23	06/05/21 02:24	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-80-5-10-2021

Lab Sample ID: 580-103508-20

Date Collected: 06/01/21 10:50

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.4		0.1		%			06/03/21 09:49	1
Percent Moisture	7.6		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-80-5-10-2021

Lab Sample ID: 580-103508-20

Date Collected: 06/01/21 10:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		0.49		mg/Kg	✱	06/03/21 16:23	06/05/21 02:27	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-80-18-24-2021

Lab Sample ID: 580-103508-21

Date Collected: 06/01/21 10:55

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.6		0.1		%			06/03/21 09:49	1
Percent Moisture	11.4		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-80-18-24-2021

Lab Sample ID: 580-103508-21

Date Collected: 06/01/21 10:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		0.52		mg/Kg	✱	06/03/21 16:23	06/05/21 02:31	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-82-21-2021

Lab Sample ID: 580-103508-23

Date Collected: 06/01/21 10:25

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.8		0.1		%			06/03/21 09:49	1
Percent Moisture	13.2		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-82-21-2021

Lab Sample ID: 580-103508-23

Date Collected: 06/01/21 10:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		0.52		mg/Kg	✱	06/03/21 16:23	06/05/21 02:35	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-83-21-2021

Lab Sample ID: 580-103508-24

Date Collected: 06/01/21 10:20

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.4		0.1		%			06/03/21 09:49	1
Percent Moisture	13.6		0.1		%			06/03/21 09:49	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-83-21-2021

Lab Sample ID: 580-103508-24

Date Collected: 06/01/21 10:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	85	F1	0.37		mg/Kg	✱	06/04/21 09:52	06/04/21 23:50	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-84-12-2021

Lab Sample ID: 580-103508-25

Date Collected: 06/01/21 10:00

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	59.8		0.1		%			06/03/21 09:52	1
Percent Moisture	40.2		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-84-12-2021

Lab Sample ID: 580-103508-25

Date Collected: 06/01/21 10:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 59.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		0.57		mg/Kg	☼	06/04/21 09:52	06/05/21 00:32	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-86-12-2021

Lab Sample ID: 580-103508-26

Date Collected: 06/01/21 10:10

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.0		0.1		%			06/03/21 09:52	1
Percent Moisture	8.0		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-86-12-2021

Lab Sample ID: 580-103508-26

Date Collected: 06/01/21 10:10

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		0.44		mg/Kg	☼	06/04/21 09:52	06/05/21 00:36	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-87-12-2021

Lab Sample ID: 580-103508-27

Date Collected: 06/01/21 10:30

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.6		0.1		%			06/03/21 09:52	1
Percent Moisture	16.4		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-87-12-2021

Lab Sample ID: 580-103508-27

Date Collected: 06/01/21 10:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		0.36		mg/Kg	☼	06/04/21 09:52	06/05/21 00:40	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-88-15-2021

Lab Sample ID: 580-103508-28

Date Collected: 06/01/21 09:35

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	78.8		0.1		%			06/03/21 09:52	1
Percent Moisture	21.2		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-88-15-2021

Lab Sample ID: 580-103508-28

Date Collected: 06/01/21 09:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 78.8

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		0.52		mg/Kg	☼	06/04/21 09:52	06/05/21 00:44	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-89-15-2021

Lab Sample ID: 580-103508-29

Date Collected: 06/01/21 09:30

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.9		0.1		%			06/03/21 09:52	1
Percent Moisture	13.1		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-89-15-2021

Lab Sample ID: 580-103508-29

Date Collected: 06/01/21 09:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		0.39		mg/Kg	☼	06/04/21 09:52	06/05/21 00:47	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-91-15-2021

Lab Sample ID: 580-103508-30

Date Collected: 06/01/21 09:15

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	96.0		0.1		%			06/03/21 09:52	1
Percent Moisture	4.0		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-91-15-2021

Lab Sample ID: 580-103508-30

Date Collected: 06/01/21 09:15

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 96.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4		0.32		mg/Kg	☼	06/04/21 09:52	06/05/21 00:51	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-93-15-2021

Lab Sample ID: 580-103508-31

Date Collected: 06/01/21 09:45

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.1		0.1		%			06/03/21 09:52	1
Percent Moisture	7.9		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-93-15-2021

Lab Sample ID: 580-103508-31

Date Collected: 06/01/21 09:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.32		mg/Kg	☼	06/04/21 09:52	06/05/21 00:55	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-94-15-2021

Lab Sample ID: 580-103508-32

Date Collected: 06/01/21 09:50

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	95.5		0.1		%			06/03/21 09:52	1
Percent Moisture	4.5		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-94-15-2021

Lab Sample ID: 580-103508-32

Date Collected: 06/01/21 09:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 95.5

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8		0.35		mg/Kg	☼	06/04/21 09:52	06/05/21 00:59	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-95-15-2021

Lab Sample ID: 580-103508-33

Date Collected: 06/01/21 09:55

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.1		0.1		%			06/03/21 09:52	1
Percent Moisture	7.9		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-95-15-2021

Lab Sample ID: 580-103508-33

Date Collected: 06/01/21 09:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5		0.41		mg/Kg	☼	06/04/21 09:52	06/05/21 01:22	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-96-18-2021

Lab Sample ID: 580-103508-34

Date Collected: 06/01/21 11:35

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.7		0.1		%			06/03/21 09:52	1
Percent Moisture	7.3		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-96-18-2021

Lab Sample ID: 580-103508-34

Date Collected: 06/01/21 11:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.34		mg/Kg	☼	06/04/21 09:52	06/04/21 23:46	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-97-5-10-2021

Lab Sample ID: 580-103508-35

Date Collected: 06/01/21 14:45

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	94.9		0.1		%			06/03/21 09:52	1
Percent Moisture	5.1		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-97-5-10-2021

Lab Sample ID: 580-103508-35

Date Collected: 06/01/21 14:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 94.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		0.35		mg/Kg	☼	06/04/21 09:52	06/05/21 01:26	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-97-18-24-2021

Lab Sample ID: 580-103508-36

Date Collected: 06/01/21 14:50

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.9		0.1		%			06/03/21 09:52	1
Percent Moisture	6.1		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-97-18-24-2021

Lab Sample ID: 580-103508-36

Date Collected: 06/01/21 14:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		0.39		mg/Kg	☼	06/04/21 09:52	06/05/21 01:30	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-98-5-15-2021

Lab Sample ID: 580-103508-38

Date Collected: 06/01/21 15:00

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	93.2		0.1		%			06/03/21 09:52	1
Percent Moisture	6.8		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-98-5-15-2021

Lab Sample ID: 580-103508-38

Date Collected: 06/01/21 15:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.2

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.3		0.36		mg/Kg	☼	06/04/21 09:52	06/05/21 01:34	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-98-24--2021

Lab Sample ID: 580-103508-39

Date Collected: 06/01/21 15:05

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.9		0.1		%			06/03/21 09:52	1
Percent Moisture	10.1		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-98-24--2021

Lab Sample ID: 580-103508-39

Date Collected: 06/01/21 15:05

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 89.9

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		0.46		mg/Kg	☼	06/04/21 09:52	06/05/21 01:37	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-99-5-10-2021

Lab Sample ID: 580-103508-41

Date Collected: 06/01/21 15:15

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.6		0.1		%			06/03/21 09:52	1
Percent Moisture	7.4		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-99-5-10-2021

Lab Sample ID: 580-103508-41

Date Collected: 06/01/21 15:15

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		0.32		mg/Kg	☼	06/04/21 09:52	06/05/21 01:41	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-99-18-24-2021

Lab Sample ID: 580-103508-42

Date Collected: 06/01/21 15:20

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	89.6		0.1		%			06/03/21 09:52	1
Percent Moisture	10.4		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-99-18-24-2021

Lab Sample ID: 580-103508-42

Date Collected: 06/01/21 15:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 89.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		0.31		mg/Kg	☼	06/04/21 09:52	06/05/21 01:45	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-100-5-10-2021

Lab Sample ID: 580-103508-44

Date Collected: 06/01/21 14:30

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	91.3		0.1		%			06/03/21 09:52	1
Percent Moisture	8.7		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-100-5-10-2021

Lab Sample ID: 580-103508-44

Date Collected: 06/01/21 14:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 91.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		0.35		mg/Kg	☼	06/04/21 09:52	06/05/21 01:49	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-100-18-24-2021

Lab Sample ID: 580-103508-45

Date Collected: 06/01/21 14:35

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	83.6		0.1		%			06/03/21 09:52	1
Percent Moisture	16.4		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-100-18-24-2021

Lab Sample ID: 580-103508-45

Date Collected: 06/01/21 14:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		0.43		mg/Kg	☼	06/04/21 09:58	06/04/21 21:20	10

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-101-15-2021

Lab Sample ID: 580-103508-47

Date Collected: 06/01/21 15:30

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88.0		0.1		%			06/03/21 09:52	1
Percent Moisture	12.0		0.1		%			06/03/21 09:52	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-101-15-2021

Lab Sample ID: 580-103508-47

Date Collected: 06/01/21 15:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		0.54		mg/Kg	☼	06/04/21 09:58	06/04/21 21:24	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-102-15-2021

Lab Sample ID: 580-103508-48

Date Collected: 06/01/21 15:35

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	79.7		0.1		%			06/03/21 09:53	1
Percent Moisture	20.3		0.1		%			06/03/21 09:53	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-102-15-2021

Lab Sample ID: 580-103508-48

Date Collected: 06/01/21 15:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 79.7

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		0.57		mg/Kg	☼	06/04/21 09:58	06/04/21 21:28	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-103-21-2021

Lab Sample ID: 580-103508-49

Date Collected: 06/01/21 15:45

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.6		0.1		%			06/03/21 09:53	1
Percent Moisture	7.4		0.1		%			06/03/21 09:53	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-103-21-2021

Lab Sample ID: 580-103508-49

Date Collected: 06/01/21 15:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.6

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7		0.47		mg/Kg	☼	06/04/21 09:58	06/04/21 21:32	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-104-12-2021

Lab Sample ID: 580-103508-50

Date Collected: 06/01/21 15:40

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	90.3		0.1		%			06/03/21 09:53	1
Percent Moisture	9.7		0.1		%			06/03/21 09:53	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-104-12-2021

Lab Sample ID: 580-103508-50

Date Collected: 06/01/21 15:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.3

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		0.51		mg/Kg	☼	06/04/21 09:58	06/04/21 21:36	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-79-36-40-2021

Lab Sample ID: 580-103508-51

Date Collected: 06/01/21 11:17

Matrix: Solid

Date Received: 06/02/21 15:45

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86.0		0.1		%			06/03/21 09:53	1
Percent Moisture	14.0		0.1		%			06/03/21 09:53	1

Client Sample Results

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-79-36-40-2021

Lab Sample ID: 580-103508-51

Date Collected: 06/01/21 11:17

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.0

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		0.50		mg/Kg	☼	06/04/21 09:58	06/04/21 21:39	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-358248/22-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/Kg		06/03/21 16:23	06/04/21 22:02	10

Lab Sample ID: LCS 580-358248/23-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.5		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 580-358248/24-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358248

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	50.0	50.5		mg/Kg		101	80 - 120	0	20

Lab Sample ID: 580-103508-1 MS
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-41-18-24-2021
Prep Type: Total/NA
Prep Batch: 358248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.9		51.5	53.1		mg/Kg	☼	100	80 - 120

Lab Sample ID: 580-103508-1 MSD
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-41-18-24-2021
Prep Type: Total/NA
Prep Batch: 358248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	1.9		54.5	56.7		mg/Kg	☼	101	80 - 120	7	20

Lab Sample ID: 580-103508-1 DU
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-41-18-24-2021
Prep Type: Total/NA
Prep Batch: 358248

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	1.9		1.60		mg/Kg	☼	16	20

Lab Sample ID: MB 580-358301/22-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50		mg/Kg		06/04/21 09:52	06/04/21 23:42	10

Lab Sample ID: LCS 580-358301/23-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	51.4		mg/Kg		103	80 - 120

Eurofins FGS, Seattle

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCSD 580-358301/24-A
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358301

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	50.0	51.1		mg/Kg		102	80 - 120	0	20

Lab Sample ID: 580-103508-24 MS
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-83-21-2021
Prep Type: Total/NA
Prep Batch: 358301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	85	F1	36.4	94.3	F1	mg/Kg	✱	25	80 - 120

Lab Sample ID: 580-103508-24 MSD
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-83-21-2021
Prep Type: Total/NA
Prep Batch: 358301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	85	F1	37.2	85.2	F1	mg/Kg	✱	-0.04	80 - 120	10	20

Lab Sample ID: 580-103508-24 DU
Matrix: Solid
Analysis Batch: 358450

Client Sample ID: P14-S-83-21-2021
Prep Type: Total/NA
Prep Batch: 358301

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	85	F1	54.2	F3	mg/Kg	✱	45	20

Lab Sample ID: MB 580-358304/12-A
Matrix: Solid
Analysis Batch: 358452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 358304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.25		mg/Kg		06/04/21 09:58	06/04/21 20:30	5

Lab Sample ID: LCS 580-358304/13-A
Matrix: Solid
Analysis Batch: 358452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 358304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	50.0	48.9		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 580-358304/14-A
Matrix: Solid
Analysis Batch: 358452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 358304

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	50.0	49.4		mg/Kg		99	80 - 120	1	20

QC Sample Results

Client: Anchor QEA LLC
 Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Method: 2540G - SM 2540G

Lab Sample ID: 580-103508-1 DU
Matrix: Solid
Analysis Batch: 358178

Client Sample ID: P14-S-41-18-24-2021
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Solids	87.7		87.6		%		0.2	20
Percent Moisture	12.3		12.4		%		1	20

Lab Sample ID: 580-103508-25 DU
Matrix: Solid
Analysis Batch: 358178

Client Sample ID: P14-S-84-12-2021
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Solids	59.8		60.8		%		2	20
Percent Moisture	40.2		39.2		%		2	20

Lab Sample ID: 580-103508-48 DU
Matrix: Solid
Analysis Batch: 358178

Client Sample ID: P14-S-102-15-2021
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Solids	79.7		79.6		%		0.05	20
Percent Moisture	20.3		20.4		%		0.2	20

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-41-18-24-2021

Lab Sample ID: 580-103508-1

Date Collected: 06/01/21 13:50

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-41-18-24-2021

Lab Sample ID: 580-103508-1

Date Collected: 06/01/21 13:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 22:10	FCW	FGS SEA

Client Sample ID: P14-S-66-18-24-2021

Lab Sample ID: 580-103508-2

Date Collected: 06/01/21 13:45

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-66-18-24-2021

Lab Sample ID: 580-103508-2

Date Collected: 06/01/21 13:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 22:52	FCW	FGS SEA

Client Sample ID: P14-S-67-18-24-2021

Lab Sample ID: 580-103508-3

Date Collected: 06/01/21 13:40

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-67-18-24-2021

Lab Sample ID: 580-103508-3

Date Collected: 06/01/21 13:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 22:56	FCW	FGS SEA

Client Sample ID: P14-S-71-21-2021

Lab Sample ID: 580-103508-4

Date Collected: 06/01/21 12:10

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Eurofins FGS, Seattle

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-71-21-2021

Lab Sample ID: 580-103508-4

Date Collected: 06/01/21 12:10

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:00	FCW	FGS SEA

Client Sample ID: P14-S-68-27-2021

Lab Sample ID: 580-103508-5

Date Collected: 06/01/21 13:20

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-68-27-2021

Lab Sample ID: 580-103508-5

Date Collected: 06/01/21 13:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:04	FCW	FGS SEA

Client Sample ID: P14-S-69-27-2021

Lab Sample ID: 580-103508-6

Date Collected: 06/01/21 13:25

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-69-27-2021

Lab Sample ID: 580-103508-6

Date Collected: 06/01/21 13:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:07	FCW	FGS SEA

Client Sample ID: P14-S-70-21-2021

Lab Sample ID: 580-103508-7

Date Collected: 06/01/21 13:30

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-70-21-2021

Lab Sample ID: 580-103508-7

Date Collected: 06/01/21 13:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:11	FCW	FGS SEA

Client Sample ID: P14-S-72-21-2021

Lab Sample ID: 580-103508-8

Date Collected: 06/01/21 12:05

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-72-21-2021

Lab Sample ID: 580-103508-8

Date Collected: 06/01/21 12:05

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:15	FCW	FGS SEA

Client Sample ID: P14-S-73-21-2021

Lab Sample ID: 580-103508-9

Date Collected: 06/01/21 12:00

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-73-21-2021

Lab Sample ID: 580-103508-9

Date Collected: 06/01/21 12:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:19	FCW	FGS SEA

Client Sample ID: P14-S-74-21-2021

Lab Sample ID: 580-103508-10

Date Collected: 06/01/21 11:55

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-74-21-2021

Lab Sample ID: 580-103508-10

Date Collected: 06/01/21 11:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:23	FCW	FGS SEA

Client Sample ID: P14-S-75-21-2021

Lab Sample ID: 580-103508-11

Date Collected: 06/01/21 11:50

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-75-21-2021

Lab Sample ID: 580-103508-11

Date Collected: 06/01/21 11:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 22:06	FCW	FGS SEA

Client Sample ID: P14-S-76-21-2021

Lab Sample ID: 580-103508-12

Date Collected: 06/01/21 11:40

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-76-21-2021

Lab Sample ID: 580-103508-12

Date Collected: 06/01/21 11:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:12	FCW	FGS SEA

Client Sample ID: P14-S-77-18-2021

Lab Sample ID: 580-103508-13

Date Collected: 06/01/21 11:45

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-77-18-2021

Lab Sample ID: 580-103508-13

Date Collected: 06/01/21 11:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:16	FCW	FGS SEA

Client Sample ID: P14-S-78-5-10-2021

Lab Sample ID: 580-103508-14

Date Collected: 06/01/21 11:20

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-78-5-10-2021

Lab Sample ID: 580-103508-14

Date Collected: 06/01/21 11:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:20	FCW	FGS SEA

Client Sample ID: P14-S-78-18-24-2021

Lab Sample ID: 580-103508-15

Date Collected: 06/01/21 11:25

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-78-18-24-2021

Lab Sample ID: 580-103508-15

Date Collected: 06/01/21 11:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:24	FCW	FGS SEA

Client Sample ID: P14-S-80-5-10-2021

Lab Sample ID: 580-103508-20

Date Collected: 06/01/21 10:50

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-80-5-10-2021

Lab Sample ID: 580-103508-20

Date Collected: 06/01/21 10:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:27	FCW	FGS SEA

Client Sample ID: P14-S-80-18-24-2021

Lab Sample ID: 580-103508-21

Date Collected: 06/01/21 10:55

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-80-18-24-2021

Lab Sample ID: 580-103508-21

Date Collected: 06/01/21 10:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:31	FCW	FGS SEA

Client Sample ID: P14-S-82-21-2021

Lab Sample ID: 580-103508-23

Date Collected: 06/01/21 10:25

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Client Sample ID: P14-S-82-21-2021

Lab Sample ID: 580-103508-23

Date Collected: 06/01/21 10:25

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358248	06/03/21 16:23	JLS	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 02:35	FCW	FGS SEA

Client Sample ID: P14-S-83-21-2021

Lab Sample ID: 580-103508-24

Date Collected: 06/01/21 10:20

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:49	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-83-21-2021

Lab Sample ID: 580-103508-24

Date Collected: 06/01/21 10:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:50	FCW	FGS SEA

Client Sample ID: P14-S-84-12-2021

Lab Sample ID: 580-103508-25

Date Collected: 06/01/21 10:00

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-84-12-2021

Lab Sample ID: 580-103508-25

Date Collected: 06/01/21 10:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 59.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:32	FCW	FGS SEA

Client Sample ID: P14-S-86-12-2021

Lab Sample ID: 580-103508-26

Date Collected: 06/01/21 10:10

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-86-12-2021

Lab Sample ID: 580-103508-26

Date Collected: 06/01/21 10:10

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:36	FCW	FGS SEA

Client Sample ID: P14-S-87-12-2021

Lab Sample ID: 580-103508-27

Date Collected: 06/01/21 10:30

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-87-12-2021

Lab Sample ID: 580-103508-27

Date Collected: 06/01/21 10:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:40	FCW	FGS SEA

Client Sample ID: P14-S-88-15-2021

Lab Sample ID: 580-103508-28

Date Collected: 06/01/21 09:35

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-88-15-2021

Lab Sample ID: 580-103508-28

Date Collected: 06/01/21 09:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:44	FCW	FGS SEA

Client Sample ID: P14-S-89-15-2021

Lab Sample ID: 580-103508-29

Date Collected: 06/01/21 09:30

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-89-15-2021

Lab Sample ID: 580-103508-29

Date Collected: 06/01/21 09:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:47	FCW	FGS SEA

Client Sample ID: P14-S-91-15-2021

Lab Sample ID: 580-103508-30

Date Collected: 06/01/21 09:15

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-91-15-2021

Lab Sample ID: 580-103508-30

Date Collected: 06/01/21 09:15

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:51	FCW	FGS SEA

Client Sample ID: P14-S-93-15-2021

Lab Sample ID: 580-103508-31

Date Collected: 06/01/21 09:45

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-93-15-2021

Lab Sample ID: 580-103508-31

Date Collected: 06/01/21 09:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:55	FCW	FGS SEA

Client Sample ID: P14-S-94-15-2021

Lab Sample ID: 580-103508-32

Date Collected: 06/01/21 09:50

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-94-15-2021

Lab Sample ID: 580-103508-32

Date Collected: 06/01/21 09:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 00:59	FCW	FGS SEA

Client Sample ID: P14-S-95-15-2021

Lab Sample ID: 580-103508-33

Date Collected: 06/01/21 09:55

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-95-15-2021

Lab Sample ID: 580-103508-33

Date Collected: 06/01/21 09:55

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:22	FCW	FGS SEA

Client Sample ID: P14-S-96-18-2021

Lab Sample ID: 580-103508-34

Date Collected: 06/01/21 11:35

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-96-18-2021

Lab Sample ID: 580-103508-34

Date Collected: 06/01/21 11:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/04/21 23:46	FCW	FGS SEA

Client Sample ID: P14-S-97-5-10-2021

Lab Sample ID: 580-103508-35

Date Collected: 06/01/21 14:45

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-97-5-10-2021

Lab Sample ID: 580-103508-35

Date Collected: 06/01/21 14:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:26	FCW	FGS SEA

Client Sample ID: P14-S-97-18-24-2021

Lab Sample ID: 580-103508-36

Date Collected: 06/01/21 14:50

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-97-18-24-2021

Lab Sample ID: 580-103508-36

Date Collected: 06/01/21 14:50

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:30	FCW	FGS SEA

Client Sample ID: P14-S-98-5-15-2021

Lab Sample ID: 580-103508-38

Date Collected: 06/01/21 15:00

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-98-5-15-2021

Lab Sample ID: 580-103508-38

Date Collected: 06/01/21 15:00

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:34	FCW	FGS SEA

Client Sample ID: P14-S-98-24--2021

Lab Sample ID: 580-103508-39

Date Collected: 06/01/21 15:05

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-98-24--2021

Lab Sample ID: 580-103508-39

Date Collected: 06/01/21 15:05

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:37	FCW	FGS SEA

Client Sample ID: P14-S-99-5-10-2021

Lab Sample ID: 580-103508-41

Date Collected: 06/01/21 15:15

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-99-5-10-2021

Lab Sample ID: 580-103508-41

Date Collected: 06/01/21 15:15

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:41	FCW	FGS SEA

Client Sample ID: P14-S-99-18-24-2021

Lab Sample ID: 580-103508-42

Date Collected: 06/01/21 15:20

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-99-18-24-2021

Lab Sample ID: 580-103508-42

Date Collected: 06/01/21 15:20

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:45	FCW	FGS SEA

Client Sample ID: P14-S-100-5-10-2021

Lab Sample ID: 580-103508-44

Date Collected: 06/01/21 14:30

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-100-5-10-2021

Lab Sample ID: 580-103508-44

Date Collected: 06/01/21 14:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358301	06/04/21 09:52	JCP	FGS SEA
Total/NA	Analysis	6020B		10	358450	06/05/21 01:49	FCW	FGS SEA

Client Sample ID: P14-S-100-18-24-2021

Lab Sample ID: 580-103508-45

Date Collected: 06/01/21 14:35

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-100-18-24-2021

Lab Sample ID: 580-103508-45

Date Collected: 06/01/21 14:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:20	FCW	FGS SEA

Client Sample ID: P14-S-101-15-2021

Lab Sample ID: 580-103508-47

Date Collected: 06/01/21 15:30

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:52	HDG	FGS SEA

Client Sample ID: P14-S-101-15-2021

Lab Sample ID: 580-103508-47

Date Collected: 06/01/21 15:30

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:24	FCW	FGS SEA

Client Sample ID: P14-S-102-15-2021

Lab Sample ID: 580-103508-48

Date Collected: 06/01/21 15:35

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:53	HDG	FGS SEA

Client Sample ID: P14-S-102-15-2021

Lab Sample ID: 580-103508-48

Date Collected: 06/01/21 15:35

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:28	FCW	FGS SEA

Client Sample ID: P14-S-103-21-2021

Lab Sample ID: 580-103508-49

Date Collected: 06/01/21 15:45

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:53	HDG	FGS SEA

Lab Chronicle

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Client Sample ID: P14-S-103-21-2021

Lab Sample ID: 580-103508-49

Date Collected: 06/01/21 15:45

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:32	FCW	FGS SEA

Client Sample ID: P14-S-104-12-2021

Lab Sample ID: 580-103508-50

Date Collected: 06/01/21 15:40

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:53	HDG	FGS SEA

Client Sample ID: P14-S-104-12-2021

Lab Sample ID: 580-103508-50

Date Collected: 06/01/21 15:40

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:36	FCW	FGS SEA

Client Sample ID: P14-S-79-36-40-2021

Lab Sample ID: 580-103508-51

Date Collected: 06/01/21 11:17

Matrix: Solid

Date Received: 06/02/21 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1	358178	06/03/21 09:53	HDG	FGS SEA

Client Sample ID: P14-S-79-36-40-2021

Lab Sample ID: 580-103508-51

Date Collected: 06/01/21 11:17

Matrix: Solid

Date Received: 06/02/21 15:45

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			358304	06/04/21 09:58	C1K	FGS SEA
Total/NA	Analysis	6020B		10	358452	06/04/21 21:39	FCW	FGS SEA

Laboratory References:

FGS SEA = Eurofins FGS, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation

Job ID: 580-103508-1

Laboratory: Eurofins FGS, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Sample Summary

Client: Anchor QEA LLC
Project/Site: Parcel 14 Soil Investigation


Job ID: 580-103508-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-103508-1	P14-S-41-18-24-2021	Solid	06/01/21 13:50	06/02/21 15:45	
580-103508-2	P14-S-66-18-24-2021	Solid	06/01/21 13:45	06/02/21 15:45	
580-103508-3	P14-S-67-18-24-2021	Solid	06/01/21 13:40	06/02/21 15:45	
580-103508-4	P14-S-71-21-2021	Solid	06/01/21 12:10	06/02/21 15:45	
580-103508-5	P14-S-68-27-2021	Solid	06/01/21 13:20	06/02/21 15:45	
580-103508-6	P14-S-69-27-2021	Solid	06/01/21 13:25	06/02/21 15:45	
580-103508-7	P14-S-70-21-2021	Solid	06/01/21 13:30	06/02/21 15:45	
580-103508-8	P14-S-72-21-2021	Solid	06/01/21 12:05	06/02/21 15:45	
580-103508-9	P14-S-73-21-2021	Solid	06/01/21 12:00	06/02/21 15:45	
580-103508-10	P14-S-74-21-2021	Solid	06/01/21 11:55	06/02/21 15:45	
580-103508-11	P14-S-75-21-2021	Solid	06/01/21 11:50	06/02/21 15:45	
580-103508-12	P14-S-76-21-2021	Solid	06/01/21 11:40	06/02/21 15:45	
580-103508-13	P14-S-77-18-2021	Solid	06/01/21 11:45	06/02/21 15:45	
580-103508-14	P14-S-78-5-10-2021	Solid	06/01/21 11:20	06/02/21 15:45	
580-103508-15	P14-S-78-18-24-2021	Solid	06/01/21 11:25	06/02/21 15:45	
580-103508-20	P14-S-80-5-10-2021	Solid	06/01/21 10:50	06/02/21 15:45	
580-103508-21	P14-S-80-18-24-2021	Solid	06/01/21 10:55	06/02/21 15:45	
580-103508-23	P14-S-82-21-2021	Solid	06/01/21 10:25	06/02/21 15:45	
580-103508-24	P14-S-83-21-2021	Solid	06/01/21 10:20	06/02/21 15:45	
580-103508-25	P14-S-84-12-2021	Solid	06/01/21 10:00	06/02/21 15:45	
580-103508-26	P14-S-86-12-2021	Solid	06/01/21 10:10	06/02/21 15:45	
580-103508-27	P14-S-87-12-2021	Solid	06/01/21 10:30	06/02/21 15:45	
580-103508-28	P14-S-88-15-2021	Solid	06/01/21 09:35	06/02/21 15:45	
580-103508-29	P14-S-89-15-2021	Solid	06/01/21 09:30	06/02/21 15:45	
580-103508-30	P14-S-91-15-2021	Solid	06/01/21 09:15	06/02/21 15:45	
580-103508-31	P14-S-93-15-2021	Solid	06/01/21 09:45	06/02/21 15:45	
580-103508-32	P14-S-94-15-2021	Solid	06/01/21 09:50	06/02/21 15:45	
580-103508-33	P14-S-95-15-2021	Solid	06/01/21 09:55	06/02/21 15:45	
580-103508-34	P14-S-96-18-2021	Solid	06/01/21 11:35	06/02/21 15:45	
580-103508-35	P14-S-97-5-10-2021	Solid	06/01/21 14:45	06/02/21 15:45	
580-103508-36	P14-S-97-18-24-2021	Solid	06/01/21 14:50	06/02/21 15:45	
580-103508-38	P14-S-98-5-15-2021	Solid	06/01/21 15:00	06/02/21 15:45	
580-103508-39	P14-S-98-24--2021	Solid	06/01/21 15:05	06/02/21 15:45	
580-103508-41	P14-S-99-5-10-2021	Solid	06/01/21 15:15	06/02/21 15:45	
580-103508-42	P14-S-99-18-24-2021	Solid	06/01/21 15:20	06/02/21 15:45	
580-103508-44	P14-S-100-5-10-2021	Solid	06/01/21 14:30	06/02/21 15:45	
580-103508-45	P14-S-100-18-24-2021	Solid	06/01/21 14:35	06/02/21 15:45	
580-103508-47	P14-S-101-15-2021	Solid	06/01/21 15:30	06/02/21 15:45	
580-103508-48	P14-S-102-15-2021	Solid	06/01/21 15:35	06/02/21 15:45	
580-103508-49	P14-S-103-21-2021	Solid	06/01/21 15:45	06/02/21 15:45	
580-103508-50	P14-S-104-12-2021	Solid	06/01/21 15:40	06/02/21 15:45	
580-103508-51	P14-S-79-36-40-2021	Solid	06/01/21 11:17	06/02/21 15:45	

Eurofins FGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone: 253-922-2310 Fax: 425-420-9210

Chain of Custody Record

Client Information		Sampler: <u>S. SIMEK</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43604-13945.1											
Client Contact: Cindy Fields		Phone: <u>206 287 9150</u>		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: Page 1 of 5											
Company: Anchor QEA LLC		PWSID:		Analysis Requested  580-103508 Chain of Custody		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)		Job #: <u>103508</u>											
Address: 1201 3rd Ave Suite 2600		Due Date Requested:						Total Number of Containers											
City: Seattle		TAT Requested (days): <u>3 DAY</u>		Field Filtered Sample (Yes or No) Perform MSMSD (Yes or No) 6010D, 6020B		Special Instructions/Note:		Other:											
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Phone: 206-903-3394(Tel)		PO #:																	
Email: cfields@anchorqea.com		Purchase Order Requested																	
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		Sample Identification		Sample Date		Sample Time											
Site: <u>PARCEL 14</u>		SSOW#:																	
		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code:		N											
-1		P14-S-41-18-24-2021		6-1-21		1350		6		Solid		✓		Therm. ID: <u>A1</u> Cor: <u>0.3</u> ° Unc: <u>0.5</u> ° Cooler Dsc: <u>L4 Green</u> Packing: <u>Evb</u> FedEx: Cust. Seal: Yes <u>No</u> UPS: Blue Ice (Wet) Dry, None Lab Cour: Other: <u>Citro</u>					
-3		P14-S-66-18-24-2021				1345				Solid		✓							
		P14-S-67-18-24-2021				1340				Solid		✓							
		P14-S-68-18-24-2021								Solid		PS							
		P14-S-69-18-24-2021								Solid		PS							
		P14-S-70-18-24-2021								Solid		PS							
		P14-S-71-21-2021				1210				Solid		✓							
-5		P14-S-68-27-2021				1320				Solid		✓							
		P14-S-67-27-2021				1325				Solid		✓							
-7		P14-S-70-21-2021				1330				Solid		✓							
		P14-S-72-21-2021		6-1-21		1205		G		Solid		✓							
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:		Deliverable Requested: I, II, III, IV, Other (specify) <u>PER CONTRACT UFA CINDY FIELDS</u>		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>STEPHEN SIMEK</u>		Date/Time: <u>6-2-21 / 1:45</u>		Company:		Received by: <u>Tom Stanley</u>		Date/Time: <u>6/2/21 1545</u>		Company:		Relinquished by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		Relinquished by:		Date/Time:		Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:															

Chain of Custody Record

Client Information		Sample: <u>S. Smith</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43604-13945.2					
Client Contact: Cindy Fields		Phone: <u>206-200-2879</u>		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: Page 2 of 5					
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: <u>103508</u>			
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		Field Filtered Sample (Yes or No) Perform: W=MSD (Yes or No) 6010D, 6020B ARCHIVE						Total Number of Containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)	
City: Seattle		TAT Requested (days): <u>3 DAY</u>											
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Phone: 206-903-3394(Tel)		PO #:											
Email: cfields@anchorqea.com		Purchase Order Requested											
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		WO #:						Other:			
Site: <u>PARCEL 14</u>		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform: W=MSD (Yes or No)	6010D, 6020B		ARCHIVE			
-9	P14-S-73-21-2021	6-1-21	1200	G	Solid								
	P14-S-74-21-2021		1155		Solid								
-11	P14-S-75-21-2021		1150		Solid								
	P14-S-76-21-2021		1140		Solid								
-13	P14-S-77-18-2021		1145		Solid								
	P14-S-78-5-10-2021		1120		Solid								
-15	P14-S-78-18-24-2021		1125		Solid								
	P14-S-78-30-36-2021		1130		Solid								
-17	P14-S-79-5-10-2021		1105		Solid								
	P14-S-79-18-24-2021		1110		Solid								
-19	P14-S-79-30-36-2021	6-1-21	1115	G	Solid								
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:					
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <u>STEPHEN SMITZ</u>		Date/Time: <u>6-2-21 / 1545</u>		Company:		Received by: <u>Tom Blumby</u>		Date/Time: <u>6/2/21 1545</u>		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Ver: 11/01/2020							

Chain of Custody Record

Client Information		Sampler: <u>S. STREITZ</u>		Lab PM: Lewis, Nathan A		Carrier Tracking No(s):		COC No: 580-43604-13945.4			
Client Contact: Cindy Fields		Phone: <u>206 297 9130</u>		E-Mail: Nathan.Lewis@Eurofinset.com		State of Origin:		Page: Page 4 of 5			
Company: Anchor QEA LLC		PWSID:		Analysis Requested						Job #: <u>103508</u>	
Address: 1201 3rd Ave Suite 2600		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 6010D, 6020B ARCHIVE						Total Number of Containers X	
City: Seattle		TAT Requested (days): <u>3 DAY</u>									
State, Zip: WA, 98101		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
Phone: 206-903-3394(Tel)		PO #: Purchase Order Requested									
Email: cfields@anchorqea.com		WO #:									
Project Name: Parcel 14 Soil Investigation		Project #: 58016541		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)							
Site: <u>PARCEL 14</u>		SSOW#:									
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=soil, BT=soil, A=air)		Preservation Code:	
										Special Instructions/Note:	
<u>P14-S-91-15-2021</u>		<u>6-1-21</u>		<u>0915</u>		<u>G</u>		<u>Solid</u>		<u>N</u>	
<u>P14-S-93-15-2021</u>				<u>0945</u>				<u>Solid</u>			
<u>P14-S-94-15-2021</u>				<u>0950</u>				<u>Solid</u>			
<u>P14-S-95-15-2021</u>				<u>0955</u>				<u>Solid</u>			
<u>P14-S-96-18-2021</u>				<u>1135</u>				<u>Solid</u>			
<u>P14-S-97-5-10-2021</u>				<u>1445</u>				<u>Solid</u>			
<u>P14-S-97-18-24-2021</u>				<u>1450</u>				<u>Solid</u>			
<u>P14-S-97-30-36-2021</u>				<u>1453</u>				<u>Solid</u>			
<u>P14-S-98-5-10-2021</u>				<u>1500</u>				<u>Solid</u>			
<u>P14-S-98-18-24-2021</u>				<u>1505</u>				<u>Solid</u>			
<u>P14-S-98-30-36-2021</u>		<u>6-1-21</u>		<u>1510</u>		<u>G</u>		<u>Solid</u>			
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <u>STEPHEN STREITZ</u>		Date/Time: <u>6-2-21 / 1545</u>		Company:		Received by: <u>Tom [Signature]</u>		Date/Time: <u>6/2/21 1545</u>		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

Eurofins FGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone: 253-922-2310 Fax: 425-420-9210

Chain of Custody Record



Environment Testing
America

Client Information		Sample: S. SMETH	Lab PM: Lewis, Nathan A	Carrier Tracking No(s):	COC No: 580-43604-13945.5				
Client Contact: Cindy Fields		Phone: 206 287 9130	E-Mail: Nathan.Lewis@Eurofinset.com	State of Origin:	Page: Page 5 of 5				
Company: Anchor QEA LLC		PWSID:	Analysis Requested		Job #: 103508				
Address: 1201 3rd Ave Suite 2600		Due Date Requested:	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>		6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC
6010D, 6020B									
ARCTIC									
6010D, 6020B									
ARCTIC									
City: Seattle	TAT Requested (days): 3 DAY	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
6010D, 6020B									
ARCTIC									
6010D, 6020B									
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State, Zip: WA, 98101	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
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Phone: 206-903-3394(Tel)	PO #:	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
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Email: cfields@anchorqea.com	Purchase Order Requested	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
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Project Name: Parcel 14 Soil Investigation	WO #:	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
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Site: PARCEL 14	Project #: 58016541	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC	<table border="1"> <tr><td>6010D, 6020B</td></tr> <tr><td>ARCTIC</td></tr> </table>	6010D, 6020B	ARCTIC		
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 Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: || **Sample Identification** | | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AA=Ab) | Field Filtered Samples (Yes or No) | Performs MISHSD (Yes or No) | 6010D, 6020B | ARCTIC | Total Number of Containers | Special Instructions/Note: |
-41	014-S-99-5-10-2021	6-1-21	1515	G	Solid						
	014-S-99-18-24-2021		1520		Solid						
-43	014-S-99-30-36-2021		1525		Solid						
	014-S-100-5-10-2021		1430		Solid						
-45	014-S-100-18-24-2021		1435		Solid						
	014-S-100-30-36-2021		1440		Solid						
-47	014-S-101-15-2021		1530		Solid						
	014-S-102-15-2021		1535		Solid						
-49	014-S-103-21-2021		1545		Solid						
	014-S-104-12-2021		1540		Solid						
-51	014-S-79-36-40-2021	6-1-21	1117	G	Solid						
Possible Hazard Identification						**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)**					
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological						Return To Client Disposal By Lab Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:							
Relinquished by: STEPHEN SMETH		Date/Time: 6-2-21 / 1545	Company:	Received by: Tom Blanks		Date/Time: 6/2/21 1545	Company:				
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:				
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:				
Custody Seals Intact: Yes No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

Login Sample Receipt Checklist

Client: Anchor QEA LLC

Job Number: 580-103508-1

Login Number: 103508

List Source: Eurofins FGS, Seattle

List Number: 1

Creator: Blankinship, Tom X

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

