SOUNDTRANSIT

Federal Way Link Extension (F200)
Contract No. RTA/CN 0009-17

Soil Characterization and Remediation Report Parcel FL209

January 26, 2020

Prepared by:

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OSG O'Neill Service Group

January 26, 2020

Kiewit Infrastructure West Co.
2200 Columbia House Blvd.
Vancouver, WA 98661

Attention: Ms. Andrea Scheele

Subject: Soil Characterization and Remediation Report
Parcel FL209
Federal Way Link Extension Project
23428 Pacific Highway South
Kent, Washington

Dear Ms. Scheele:

Transmitted herewith is the Soil Characterization and Remediation Report for remedial actions associated with Parcel FL209 located at 23428 Pacific Highway South in Kent, Washington as a part of the Sound Transit Federal Way Link Extension Contract within the cities of SeaTac, Des Moines, Kent, and Federal Way, Washington. This report includes our field procedures and observations, analytical testing results, documentation of proper soil disposal, and our conclusions and recommendations.

We trust the information presented in this report meets your needs. Should you require additional information or have questions regarding this report, please contact us at (425) 429-7800.

Sincerely,



Vance Atkins, LG, LHG
Project Manager

Scott Darst
Environmental Group Manager

Attachment: Soil Characterization and Remediation Report

OSG O'Neill Service Group

Revision History

Revision Number	Revision Date	Description of Changes
00	11/4/20	Initial submittal
01	11/30/20	Revision per ST reviewer comments
02	12/7/20	Revision per ST reviewer comments
03	01/25/21	Revision per ST reviewer comments
04	01/26/21	Revision per ST reviewer comments

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SOIL CHARACTERIZATION AND REMEDIATION REPORT SOUND TRANSIT PARCEL FL209 23428 PACIFIC HIGHWAY SOUTH KENT, WASHINGTON

1.0 INTRODUCTION AND BACKGROUND

This report presents the findings of O'Neill Service Group's (OSG) soil characterization and remediation program conducted at Federal Way Link Extension (F200) Parcel Number FL209 located at 23428 Pacific Highway South in Kent, Washington. This report was prepared for Kiewit Infrastructure West Co. (Kiewit) in support of the F200 project.

This report presents the field activities and findings for: 1) soil sampling for characterization in the vicinity of the former UST remedial areas, former service garage and former fueling islands; 2) removal and disposal of polycyclic aromatic hydrocarbons (PAHs), metals, volatile organic compounds (VOCs), and diesel and lube oil range hydrocarbons contamination in soils identified during the prior investigation; 3) removal of previously unidentified petroleum contamination discovered during joint utility trench installation and; 4) removal of residual contamination documented along the FL207 and FL209 parcel line.

1.1 SITE LOCATION

The F200 Parcel Number FL209 is located at 23428 Pacific Highway South in Kent, Washington (Figure 1). The site is bounded on the west by Pacific Highway South, on the east by 30th Avenue South, and bounded to the north and south by commercial properties. The parcels to the north and south are also associated with the F200 project and undergoing redevelopment. The site elevation at the time of excavation was approximately 395 feet above mean sea level.

1.2 SITE BACKGROUND

Details of historic property use, and the site assessments performed to date can be found in GeoEngineers, 2017a,b (see excerpts in Appendix A). The following is a summary of those assessments.

Based on GeoEngineers' reports, the property was occupied by an automotive repair garage and storage. The property was used for automotive repair since the late 1940s. Additionally, a fuel distribution company (Southgate Oil) operated on the property for approximately 75 years. The property was listed as "Southgate Oil' in Ecology's database of contaminated sites. Nine underground storage tanks (USTs), between 275 and 10,000 gallons in capacity, were removed from the property in 2000. Two additional USTs containing heating oil (20,000- and 25,000-gallon capacity) were removed in 2002. Petroleum-contaminated soils associated with the various USTs was excavated and either bioremediated on-site or exported off site for disposal. Remnant contaminated soil was identified along the north property line, and in 2006, Ecology recommended a restrictive covenant based on the incomplete cleanup (GeoEngineers, 2017a). In 2017, a geophysical survey was completed, and geophysical anomalies were identified in the central portion of the parcel south and southeast of the former garage building. The buried objects were not conclusively identified as USTs.

Subsurface investigations by GeoEngineers identified diesel and lube oil range hydrocarbons in exceedance of the Washington department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A cleanup level in borings FL209-B3, FL209-B4, FL209-B5, FL209-B6, FL209-B7, and FL209-B8, and FL209-B11 (Appendix A). A subsurface investigation performed by ECI Environmental Services (ECI) in 2019 at parcel FL207, adjacent north of FL209, identified diesel range petroleum hydrocarbons in their boring B13 (ECI, 2019). The boring was completed north of GeoEngineers boring FL209-B11, and ECI attributed the contamination to contaminant migration from the FL209 parcel. The VOC naphthalene was identified in exceedance of the Ecology MTCA Method A cleanup levels in boring FL209-B4. The halogenated VOC tetrachloroethylene (PCE) was detected in a soil sample collected at boring FL209-B12, but at concentrations below the MTCA cleanup level. The metals cadmium, lead, and/or mercury were detected in exceedance of the Ecology MTCA Method A cleanup levels in borings FL209-B4, FL209-B7, and FL209-B8. PAHs were identified in exceedance of the Ecology MTCA Method A cleanup levels in boring FL209-B4. GeoEngineers' Phase II Figures and Tables are included in Appendix A.

2.0 SCOPE OF SERVICES

OSG prepared a Cleanup Action Plan (OSG, 2020a) for supplemental characterization and remediation of contaminated soils. Based upon GeoEngineers' initial soil characterization results, OSG proposed additional soil characterization to further assess the extent and degree of contamination. Based on the findings of the prior investigation and supplemental investigation, OSG also directed removing and properly disposing of petroleum-, PAH-, VOC-, and metals-contaminated soil identified in the parcel.

The overall field program was to identify, remove, and properly dispose of contaminated soils identified in the vicinity of the former UST remedial areas, former service garage and former fueling islands and identify any suspected USTs. This overall field program included potholing at the locations of geophysical anomalies, observing and documenting soil remedial excavation activities, performing field screening and the collection of post-excavation soil samples for laboratory analysis and documentation of soil disposal activities. Analytical results from post-excavation soil samples were compared to the Ecology's MTCA Method A soil cleanup levels for Unrestricted Land Use to assess if additional soil removal activities were warranted.

The following scope of services was conducted:

- OSG observed potholing for delineation sampling within and surrounding the 2000 and 2002 UST removal and remedial areas, as well as under the former auto repair garage after demolition;
- Completed excavation of petroleum-, PAH- VOC-, and metals-contaminated soil and post-excavation confirmation sampling in the vicinity of the prior remediations, as well as contamination underlying the former auto repair garage;
- Completed excavation of previously unknown contamination discovered during joint utility trench (JUT) excavation along the eastern parcel boundary;
- Completed excavation of residual petroleum contamination along the FL207 and FL209 parcel boundary;
- Submitted soil samples to a Washington Department of Ecology-accredited laboratory to be analyzed for the presence of gasoline range petroleum by NWTPH-Gx, diesel and heavy oil range petroleum by NWTPH-DX; PAHs by EPA Method 8270SIM, VOCs by EPA Method 8260D, and metals by EPA Method 6020B;

- Coordinated and documented the excavation, transportation, and disposal of petroleum-, PAH-, VOC-, and metals-contaminated soil to the Waste Management and Republic Services transfer facilities in Seattle, WA; and
- Preparation of this Report to summarize the characterization and remedial soil removal activities, soil sample analytical results, and conclusions.

3.0 SUPPLEMENTAL CHARACTERIZATION

3.1 SOIL CHARACTERIZATION

A total of 17 test pits were completed between February 25 and April 6, 2020. An OSG environmental scientist was on-site to observe and document test pits completed in the vicinity of GeoEngineers borings FL209-B3 through FL209-B12 and in the vicinity of site geophysical anomalies (Figure 2). KLB Construction (KLB), Kiewit's earthwork subcontractor, provided a track-mounted excavator to complete test pits at selected locations on the parcel.

General characterization sample nomenclature is as follows: PH209-#-depth, with # being sequential in the order of collection. e.g., PH209-1-3 was the sample collected from test pit #1 at a depth of three feet bgs.

Four test pits (PH209-1 through PH209-4) were completed around boring FL209-B4 east of the former garage. Test pits were completed to 3 feet below grade surface (bgs). Six test pits (PH209-5 through PH209-10) were completed around borings FL209-B11 and former remedial excavation location in the eastern portion of the parcel. Test pits were completed to five feet bgs. Five test pits (PH209-8, PH209-9, PH209-10, PH209-11, and PH209-13) were completed around the approximate former remedial excavation location in the central portion of the parcel. Test pits were completed to ten feet bgs. One test pit (PH209-12) was completed south of boring FL209-B3. The test pit was completed to seven feet bgs.

On April 6, 2020, an OSG environmental scientist was on-site to observe and document supplemental test pits completed in the western portion of the parcel after the demolition of the former auto repair garage (Figure 2). Test pit (PH209-14) was excavated through the base of the service pit of the former auto garage to 15 feet bgs. Two test pits (PH209-15 and PH209-16) were completed north and west,

respectively, of the former garage to ten feet bgs. One test pit (PH209-17) was completed adjacent south of the former garage to 15 feet bgs.

Soils typically consisted of sandy fill soils with some debris overlying silty sand. Groundwater was not encountered in any of the test pits to a depth of 15 feet bgs. Site photographs are included in Appendix B.

Soil samples were collected from each test pit and field screened for the presence of petroleum hydrocarbons with a photoionization detector (PID). The sample locations were marked with stakes for later surveying. The depths of all soil samples collected from the test pits are shown on Table 1.

Soil samples were placed in individual laboratory-supplied uncontaminated glass jars. Sample labels were fixed to all sample jars and contained the following information: sample number, project name, date and time of collection, and sampler's initials. Sealed samples were stored in a chilled cooler and were maintained in a cooled condition until delivery to the analytical laboratory under chain of custody protocol.

Twenty-nine soil samples were submitted to Fremont Analytical, an Ecology-accredited analytical laboratory, located in Seattle, Washington. Soil samples were analyzed for diesel and heavy oil range petroleum hydrocarbons using Method NWTPH-Dx, metals by EPA Method 6020B, VOCs by EPA Method 8260D, and/or PAHs by EPA Method 8270SIM. Complete Chain-of-Custody records were transferred with the samples to the analytical laboratory. A copy of the completed Chain-of-Custody documentation is presented in Appendix C.

3.2 PRELIMINARY SOIL SAMPLE RESULTS

Test pits samples collected in the 2000 and 2002 remedial areas, surrounding the 2017 borings, and underlying the former garage were analyzed for petroleum, PAHs, VOCs, and metals based on prior detections and exceedances of specific analytes. Contaminants exceeding MTCA Method A cleanup levels were detected in samples collected at depths between 1.5 and 15 feet bgs. Analytical results indicated diesel and heavy oil range petroleum hydrocarbons, carcinogenic polycyclic aromatic hydrocarbons (cPAHs), and/or VOC (methylene chloride) concentrations in samples collected from test pits PH209-1 through PH209-4 (adjacent east of the former auto garage) exceeding the MTCA Method A

cleanup levels for their respective contaminants. Diesel range petroleum hydrocarbon concentrations in samples PH209-8 at three feet and PH209-13 at ten feet (in the central portion of the parcel) exceeded the MTCA Method A cleanup level of 2000 mg/kg. Diesel range petroleum hydrocarbon concentrations in samples PH209-14 at 15 feet, PH209-17 at 10 feet and PH209-17 at 15 feet (underlying the former auto repair garage) exceeded the MTCA Method A cleanup level. A summary of the test pit soil sample results is presented in Table 1. Test pit soil sampling locations are depicted on Figure 2.

Based on field observations and screening during the preliminary sampling, and the supplemental sampling, OSG proposed removal of previously identified soils containing petroleum hydrocarbons, cPAHs, VOCs, and metals in exceedance of MTCA cleanup levels in the vicinity of the former soil remediation areas and auto repair garage (Figure 2). OSG did not recommend other remedial excavations.

Low levels of PCE and methylene chloride detected in soil during Phase II and supplemental sampling activities were interpreted to not be associated with a listed waste under WAC 173-303 based on the following: site historical research conducted during the Phase I and Phase II ESA did not identify documentation of spent solvent use at the property; the Phase II ESA and supplemental investigation did not identify conclusive evidence of a spent solvent release, and the detected concentrations of PCE and methylene chloride, where found, were not in and of themselves indicative of a release of spent solvent.

3.3 UNDERGROUND STORAGE TANK INVESTIGATIONS

Based on the initial site investigations by Sound Transit, there was a reasonable expectation USTs may be present at the parcel based on its history (Figure 2). OSG performed additional site reconnaissance following demolition of the existing structures and did not identify evidence of USTs. These findings are detailed in a technical memorandum, provided to Kiewit, dated May 27, 2020 (OSG, 2020) (Appendix D).

4.0 REMEDIAL EXCAVATION

4.1 SOIL EXCAVATION FIELD PROCEDURES

The purpose of the soil excavation activities was to remove petroleum hydrocarbon-, PAH-, VOCs-, and metals-contaminated soils identified in the vicinity of the former soil remediation areas and auto repair garage. The primary soil remedial excavation activity for FL209 took place between May 6 and May 14, 2020. Supplemental remedial activities were conducted on June 30, July 1, and August 17, 2020 after discovery of unknown on-site contamination and receipt of additional remedial documentation associated with the adjacent north FL207 parcel. The remedial excavations are depicted on Figure 2, with area details depicted on Figures 3 and 4. Cross sections of the remedial areas are depicted on Figures 5a through 5j.

Excavation was performed by KLB using a track-mounted excavator. Excavated soil was loaded directly into truck and trailers for transport to Waste Management or Republic Services' approved transfer facilities in Seattle, WA, for subsequent disposal in their respective Subtitle D landfills.

General post-excavation sample nomenclature is as follows: 209-PEX-#-depth, with # being sequential in the order of collection. e.g., 209-PEX-1-4 was the first sample collected, and at a depth four feet bgs.

4.1.1 FL209 REMEDIATION

East Excavation

The excavation was approximately rectangular and was approximately 20 feet wide by 25 feet long in a north-south direction. The average depth of the excavation was six feet bgs. Soils typically consisted of silty sand and gravel with a trace of debris and were likely fill. Groundwater was not encountered. Based on prior data, the upper three feet of soil was stockpiled and sampled for potential reuse (see below). The extent of the excavated soils is shown on Figure 4.

Post excavation soil samples were collected at the limits of excavation. One post-excavation sample (209-PEX-1-4) was collected from the east sidewall. One post-excavation sample (209-PEX-2-4) was collected from the north sidewall. One post-excavation sample (209-PEX-3-6) was collected from the

base. Additionally, characterization samples collected from test pits PH209-7 and PH209-10 were used as representative confirmation samples for the south sidewall. On June 8, 2020, based on discussion with Sound Transit, three supplemental samples were collected from the west sidewall (209-PEX-49-3), south sidewall (209-PEX-50-3) and east sidewall (209-PEX-51-5) for analysis of PAHs.

The initial post-excavation samples were analyzed for petroleum hydrocarbons and the additional characterization samples were analyzed for PAHs. The selected analytes were either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended.

Central Excavation

The excavation was approximately rectangular and was approximately 63 feet long by 55 feet wide in an east-west direction. The southeast corner of the excavation extended into parcel FL210 (Figure 3). The depth of the excavation was 20 to 30 feet bgs. Soils typically consisted of silty sand and gravel with a trace of debris to a depth of up to ten feet bgs and were likely fill. Soils underlying the surficial soils consisted of gray silty sands. Groundwater was not encountered. Based on prior data, the upper five to ten feet of soil was stockpiled and sampled for potential reuse (see below). The extent of the excavated soils is shown on Figure 3.

Post excavation soil samples were collected at the limits of excavation. Three post-excavation samples (209-PEX-7-15, 209-PEX-8-15, and 209-PEX-9-15) were collected from the north sidewall. Four post-excavation samples (209-PEX-22-15, 209-PEX-24-10, 209-PEX-26-15, and 209-PEX-28-10) were collected from the west sidewall. Six post-excavation samples (209-PEX-17-15, 209-PEX-18-20, 209-PEX-19-15, 209-PEX-20-20, 209-PEX-21-15 and 209-PEX-23-10) were collected from the south sidewall. Four post-excavation samples (209-PEX-11-20, 209-PEX-12-15, 209-PEX-13-20, and 209-PEX-14-15) were collected from the east sidewall. Because of the depth of excavation (30 feet) sidewall samples were collected at multiple elevations to confirm remediation. Six post-excavation samples (209-PEX-6-23, 209-PEX-10-23, 209-PEX-15-30, 209-PEX-16-30, 209-PEX-25-20, and 209-PEX-27-20) were collected from the base of the excavation.

On May 14 and 20, 2020, contaminated material above MTCA Method A cleanup level was removed from the northwest corner of the excavation (samples 209-PEX-26-15 and 209-PEX-40-15, Table 1). A post excavation sample was collected from the northwest sidewall (209-PEX-48-15, Figure 3).

On June 8, 2020, based on discussion with Sound Transit, eight supplemental samples were collected to analyze PAHs. Supplemental samples 209-PEX-52-3 and 209-PEX-53-10 were collected along the east sidewall, and additional supplemental samples were collected adjacent to 209-PEX-13-20 (209-PEX-54-20), 209-PEX-48-15 (209-PEX-59-15), 209-PEX-27-20 (209-PEX-60-20), 209-PEX-7-15 (209-PEX-61-15), 209-PEX-9-15 (209-PEX-62-15), 209-PEX-10-23 (209-PEX-63-23), 209-PEX-15-30 (209-PEX-64-30), 209-PEX-16-30 (209-PEX-65-30), and a supplemental base of excavation sample (209-PEX-66-20).

Mercury was previously detected above the cleanup level in two Phase II samples (FL209-B7-5.5-6.5 and FL209-B8-6.0-6.5). Mercury was not detected at concentrations exceeding cleanup levels in deeper samples from the same borings, and soils associated with the borings were removed to a depth of 20 and 30 feet respectively. Mercury was not detected above cleanup levels in test pit samples analyzed for metals. All co-located contaminants were removed.

The initial post-excavation samples were analyzed for petroleum hydrocarbons, and the supplemental samples were analyzed for PAHs. The selected analytes were either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended.

East Side Garage

The excavation was approximately rectangular and was approximately 28 feet long by 16 feet wide in a north-south orientation. The average depth of the excavation was five feet bgs. The extent of the excavated soils is shown on Figure 3. Soils typically consisted of silty sand with a trace of debris to a depth of up to five feet. Groundwater was not encountered.

Post excavation soil samples were collected at the limits of excavation. One post-excavation sample (209-PEX-30-3) was collected from the north sidewall. One post-excavation sample (209-PEX-32-5) was collected from the east side base. One post-excavation sample (209-PEX-31-3) was collected from the south sidewall. One post-excavation sample (209-PEX-33-5) was collected from the west side base. The north sidewall sample (PEX-209-2-1) had a detection of the VOC PCE above its cleanup level. Further

remediation of soil on May 14 removed this contamination, and a new north sidewall sample (209-PEX-41-3) was collected. On June 8, 2020, based on discussion with Sound Transit, two supplemental samples were collected from the north sidewall (209-PEX-57-3) and west side base (209-PEX-56-5) for analysis of PAHs.

The initial post-excavation samples were analyzed for petroleum hydrocarbons, VOCs, and/or cadmium and lead. The supplemental samples were analyzed for PAHs. The selected analytes were either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended.

West Excavation

The excavation was approximately rectangular and was approximately 54 feet long by 41 feet wide in a north-south orientation. The depth of the excavation was 16 to 20 feet bgs. The extent of the excavated soils is shown on Figure 3. Soils typically consisted of yellow silty sand and gravel to a depth of up to ten feet. Soils underlying the surficial soils consisted of gray silty sands. Groundwater was not encountered. Based on prior data, the upper six to ten feet of soil was stockpiled and sampled for potential reuse (see below).

Post excavation soil samples were collected at the limits of excavation. Two post-excavation samples (209-PEX-34-15 and 209-PEX-38-15) were collected from the north sidewall. Two post-excavation samples (209-PEX-37-15 and 209-PEX-47-15) were collected from the west sidewall. Two post-excavation samples (209-PEX-44-10 and 209-PEX-45-15) were collected from the south sidewall. Two post-excavation samples (209-PEX-39-10 and 209-PEX-46-15) were collected from the east sidewall. Four post-excavation samples (209-PEX-35-20, 209-PEX-36-20, 209-PEX-42-16, and 209-PEX-43-16) were collected from the base of the excavation. On June 8, 2020, two supplemental samples were collected from the east sidewall (209-PEX-55-10) and base (209-PEX-58-20).

The samples were analyzed for petroleum hydrocarbons. The selected analyte was either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended.

Stockpile Sampling

Based on prior soil sampling and remedial documentation, shallow soils (typically between less than three feet to ten feet bgs) identified as likely backfill associated with the 2002 UST removal and soil remediation were excavated and stockpiled on-site for sampling and potential reuse as fill. The soils were temporarily stockpiled in two piles with a combined volume of approximately 1,000 cubic yards. Seven stockpile samples (209-Stockpile-West-1 through 3 and 209-Stockpile-East-1 through 4) were collected on May 15 and June 8, 2020 in general accordance with Ecology stockpile sampling guidances and analyzed for petroleum hydrocarbons, PAHs, VOCs, and metals (Table 1). The selected analytes were either not detected or detected below MTCA Method A cleanup levels and were approved for reuse as on-site backfill.

4.1.2 JOINT UTILITY TRENCH REMEDIATION

On June 30, 2020 petroleum-contaminated soils were discovered and excavated on the eastern edge of FL209 during utility trenching. The contamination was encountered at approximately three feet bgs. Remedial excavation depths were up to twelve feet bgs. The extent of the excavated soils is shown on Figure 3.

Post excavation soil samples were collected at the limits of excavation. Eight post-excavation samples (209-PEX-67-4, 209-PEX-68-5, 209-PEX-70-7, 209-PEX-72-5, 209-PEX-73-7, 209-PEX-74-7, 209-PEX-75-7, and 209-PEX-76-5) were collected from the sidewalls. Three post-excavation samples (209-PEX-69-11, 209-PEX-71-12, and 209-PEX-77-12) were collected from the base. Five joint utility trench stockpile samples (209-SP-10 through 209-SP-14) were also collected from excavated contaminated soils.

The post-excavation samples were analyzed for petroleum hydrocarbons, benzene, ethylbenzene, toluene and xylenes. Analytes were either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended. Petroleum hydrocarbons were detected in all five stockpile samples, and one sample exceeded MTCA Method A cleanup levels. The stockpiled soils were exported off-site for Subtitle D disposal.

4.1.3 FL207 PARCEL LINE REMEDIATION

After commencement of site grading activities, Sound Transit was provided a Cleanup Action Report for a remediation performed at parcel FL207 (ECI Environmental Services, 2019). The report described a limited soil remediation conducted at the property line between FL207 and FL209. Petroleum-contaminated soils attributed to FL209 were discovered and remediated to a depth of 15 feet bgs on the FL207 parcel boundary as part remediation activities by ECI. Petroleum-contaminated soils exceeding MTCA cleanup levels were documented at depths between 6 and 11 feet bgs in the south excavation sidewall and beneath the FL207/FL209 parcel boundary and left in place. The ground surface at the FL207 side of the parcel boundary was approximately four feet lower than the FL209 ground surface elevation at time of remedial activities, with a retaining wall between the two parcels.

On August 17, 2020, petroleum-contaminated soils were excavated at the property line between FL209 and FL207. Soils were excavated laterally and vertically until field screening did not indicate significant contamination. The southern extent of the 2019 FL207 remedial excavation was identified by plastic sheeting and imported fill placed during backfill activities. The average depth of the excavation on FL209 was sixteen feet bgs which corresponds to a similar excavation depth on FL207 due to the elevation difference between the two parcels. The southern extent of the excavation overlapped with the East Excavation (Section 4.1.1), as well as encountering gravel backfill from other prior excavation activity (likely the 2000 UST removal). The extent of the excavated soils is shown on Figure 3.

Post excavation soil samples were collected at the limits of excavation. Four post-excavation samples (209-PEX-78-10, 209-PEX-80-14, 209-PEX-81-12, and 209-PEX-82-14) were collected from the sidewalls. One post-excavation samples (209-PEX-79-16) was collected from the base.

The post-excavation samples were analyzed for petroleum hydrocarbons and BTEX. The selected analytes were either not detected or detected below MTCA Method A cleanup levels, and no further remediation or excavation was recommended.

4.2 POST-EXCAVATION SOIL SAMPLE RESULTS

Post-excavation soil sampling analytical results from all six of the remedial excavation areas indicated petroleum hydrocarbons, VOCs, PAHs, and metals were either not detected or detected below their respective MTCA Method A cleanup levels. A summary of the post-excavation soil sample results is presented in Table 1.

5.0 SOIL DISPOSAL

Individual tonnages for the remedial areas are summarized below:

- **FL209 Remediation Areas:** 5733.97 tons. Additionally, excavated overburden soils meeting reuse criteria were utilized on site as backfill in the FL209 remedial excavation. Based on the calculated stockpile volumes and soil density provided by proctor analyses, 1650 tons of excavated overburden were reused.
- **Joint Utility Trench Remediation:** 468.71 tons
- **FL207 Parcel Line Remediation:** 200.4 tons

A total of 6403.08 tons of contaminated soil was transported offsite for proper disposal at the Waste Management or Republic Services transfer stations in Seattle, Washington for subsequent disposal at their Subtitle D landfills in Wenatchee, Washington and Roosevelt, Washington, respectively. The contaminated soil was transported by KLB in accordance with applicable local, state, and federal regulations. Copies of the Disposal Weight Tickets are presented in Appendix E.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on prior Phase II ESA performed at Parcel FL209 of the F200, petroleum hydrocarbon-, PAH-, VOCs-, and metals-contaminated soils were identified in the vicinity of former soil remediation areas, and a former auto repair garage, as well as previously undocumented contamination along the joint utility trench, and residual contamination documented along the FL207/209 parcel boundary. No USTs were located during investigations of the parcel.

Based on the field observations and analytical testing results, a total of approximately 6403.08 tons of contaminated soil was removed from the remedial excavation area. The soil was transported to the

Waste Management and Republic Services transfer stations in Seattle, Washington for final disposal at their Subtitle D landfills in Wenatchee and Roosevelt, Washington, respectively. All excavated contaminated soil was transported to the disposal facilities by KLB in accordance with applicable local, state, and federal regulations. Additionally, a calculated 1650 tons of overburden meeting reuse criteria were utilized as on-site backfill.

A series of post-excavation soil samples were collected from the remedial excavation areas (FL209 remediation, joint utility remediation and the FL207 parcel line remediation) for analytical testing. Analytical results either did not detect contaminant concentrations or detected concentrations were below their respective MTCA Method A cleanup level.

Based on the analytical testing results performed at FL209, no additional remediation activities are recommended at this time.

7.0 LIMITATIONS

This Soil Characterization and Remediation Report was performed in general accordance with the approved Cleanup Action Plan and applicable regulations and guidelines referenced therein. This work was not designed to identify all potential concerns or to eliminate all risk associated with the subject property. Even the most rigorous of professional assessments may fail to identify all existing conditions. This work will not provide a guarantee regarding site contamination and may not generate sufficient data to accurately define the lateral and vertical extent of contamination. This work does not include other services not specifically described in the scope of services presented above.

Property activities and regulations beyond OSG's control could change at any time after the completion of our Scope of Services. Therefore, OSG observations, findings, and opinions can be considered valid only as of the date of this Report and at the locations where samples were collected and tested.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both on- and off-site), or other factors may change over time, and additional work may be required. Based on the intended use of the report, OSG may require that additional work be performed and that an updated report be issued. Non-compliance with any of

these requirements by the client or anyone else, unless specifically agreed to in advance by OSG in writing, releases OSG from any liability resulting from the use of this report by any unauthorized party.

No warranty, expressed or implied, is made.

8.0 REFERENCES

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Table 1 - Soil Sample Analytical Results

Table 1
Soil Sample Analytical Results
Supplemental Characterization and Remediation
F200 Parcel FL209
23428 Pacific Highway South
Kent, Washington

Lab Report ID	Date	Sample ID	Sample Depth (ft bgs)	Remedial Area	Confirmation Sample?	PID	NWTPH-Dx		NWTPH-Gx	VOCs (mg/kg)			PAHs (mg/kg)										
							Diesel	Heavy Oil	Gasoline	Methylene Chloride	Tetrachloroethene	Toluene	Naphthalene	2- Methylnaphthalene	1- Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a) anthracene	Chrysene
2002421	2/25/20	**PH209-1-1.5**	1.5	East Side Garage	**REMOVED**	3.5	**119**	**71.3**	< 5.80	**0.0432**	**0.0474**	< 0.0232	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463
2002421	2/25/20	**PH209-1-3**	3	East Side Garage	**REMOVED**	1.7	**133**	< 56.7	< 7.64	**0.0647**	< 0.0382	< 0.0306	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-2-1.5**	1.5	East Side Garage	**REMOVED**	3.7	**3690**	**3470**	< 5.65	NA	NA	NA	**0.138**	**0.220**	**1.020**	< 0.0403	**0.400**	**0.566**	**1.690**	**0.474**	**0.279**	**1.470**	**0.633**	**1.100**
2002421	2/25/20	**PH209-2-3**	3	East Side Garage	**REMOVED**	3	**238**	**133**	< 8.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-3-1.5**	1.5	East Side Garage	**REMOVED**	14	**3210**	**222**	< 56.9	NA	NA	NA	**0.122**	**0.282**	**0.423**	< 0.0393	< 0.0393	**0.309**	**0.253**	< 0.0393	**0.0864**	**0.248**	**0.0784**	**0.130**
2002421	2/25/20	**PH209-3-3**	3	East Side Garage	**REMOVED**	4.6	**69.7**	< 57.7	< 10.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-4-1.5**	1.5	East Side Garage	**REMOVED**	8.9	**4500**	**635**	< 9.01	NA	NA	NA	**0.140**	**1.100**	**1.150**	**0.0795**	**0.0976**	**0.322**	**0.533**	**0.0891**	**0.0591**	**0.208**	**0.120**	**0.190**
2002421	2/25/20	**PH209-4-3**	3	East Side Garage	**REMOVED**	3.5	**403**	< 57.8	< 19.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-5-3**	3	East Excavation	**REMOVED**	0.4	< 19.2	< 48.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-5-5**	5	East Excavation	**REMOVED**	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-6-3**	3	East Excavation	**REMOVED**	0.3	**211**	< 49.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-6-5**	5	East Excavation	**REMOVED**	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-7-3**	3	East Excavation	**REMOVED**	0	< 22.0	< 55.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-7-5**	5	East Excavation	**REMOVED**	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-8-3**	3	Central Excavation	**REMOVED**	3.6	**7130**	< 52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-8-5**	5	Central Excavation	**REMOVED**	5	**1150**	< 52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-9-5**	5	Central Excavation	**REMOVED**	0	< 19.2	< 47.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-9-9**	9	Central Excavation	**REMOVED**	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-10-5**	5	East Excavation	**REMOVED**	6	**364**	< 48.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-11-5**	5	Central Excavation	**REMOVED**	13	**1650**	**252**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-11-10**	10	Central Excavation	**REMOVED**	9.5	**490**	**58.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-12-5**	5	West Excavation	**REMOVED**	0.3	< 22.4	**434**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-12-7**	10	West Excavation	**REMOVED**	0.1	< 20.1	< 50.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-13-5**	5	Central Excavation	**REMOVED**	--	**411**	**70.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-13-10**	10	Central Excavation	**REMOVED**	--	**2720**	< 54.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-6**	6	West Excavation	**REMOVED**	--	NA	NA	NA	< 0.0212	< 0.0265	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-10**	10	West Excavation	**REMOVED**	--	**1050**	< 50.9	< 5.43	< 0.0217	< 0.0271	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-15**	15	West Excavation	**REMOVED**	--	**6640**	< 51.9	< 5.09	< 0.204	< 0.255	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-15-10**	10	West Excavation	**REMOVED**	--	< 22.1	< 55.2	**5.76**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-16-10**	10	West Excavation	**REMOVED**	--	< 19.5	< 48.9	< 7.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-17-10**	10	West Excavation	**REMOVED**	--	**4260**	< 49.4	< 4.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-17-15**	15	West Excavation	**REMOVED**	--	**4230**	< 55.8	< 5.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-1-4**	1	East Excavation	Y-S	--	**92.0**	< 50.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-2-4**	4	East Excavation	Y-S	--	< 21.2	< 53.1	NA	NA	NA	NA	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376
2005052	5/6/20	**209-PEX-3-6**	6	East Excavation	Y-B	--	< 19.9	< 49.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-4-18**	18	Central Excavation	**REMOVED**	--	**2510**	< 49.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-5-15**	15	Central Excavation	**REMOVED**	--	**2440**	**85.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-6-23**	23	Central Excavation	Y-B	--	**825**	< 46.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-7-15**	15	Central Excavation	Y-S	--	< 19.3	< 48.2	NA	NA	NA	NA	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402
2005067	5/7/20	**209-PEX-8-15**	15	Central Excavation	Y-S	5	**1920**	< 51.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005082	5/8/20	**209-PEX-9-15**	15	Central Excavation	Y-S	1	**837**	**116**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005082	5/8/20	**209-PEX-10-23**	23	Central Excavation	Y-B	--	**903**	< 51.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-11-20**	20	Central Excavation	Y-B	--	< 21.5	< 53.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-12-15**	15	Central Excavation	Y-S	--	< 18.9	< 47.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-13-20**	20	Central Excavation	Y-B	--	< 18.9	< 47.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-14-15**	15	Central Excavation	Y-S	--	< 21.1	< 52.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-15-30**	30	Central Excavation	Y-B	8	**1400**	< 51.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-16-30**	30	Central Excavation	Y-B	7	**1960**	< 50.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-17-15**	15	Central Excavation	Y-S	--	< 19.8	< 49.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-18-20**	20	Central Excavation	Y-S	--	< 19.7	< 49.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-19-15**	15	Central Excavation	Y-S	--	< 20.8	< 52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-20-20**	20	Central Excavation	Y-S	--	**201**	< 45.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-21-15**	15	Central Excavation	Y-S	--	< 21.1	< 52.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-22-15**	15	Central Excavation	Y-S	--	< 19.2	< 48.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-23-10**	10	Central Excavation	Y-S	--	**228**	< 49.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-24-10**	10	Central Excavation	Y-S	--	**616**	**190**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-25-20**	20	Central Excavation	Y-B	--	**22.7**	< 45.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-26-15**	15	Central Excavation	**REMOVED**	12	**5080**	< 51.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-27-20**	20	Central Excavation	Y-B	0	**308**	< 50.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-28-10**	10	Central Excavation	Y-S	6	**1670**	**302**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-30-3**	3	East Side Garage	**REMOVED**	--	**155**	**108**	NA	< 0.0315	**0.0827**	< 0.0315	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-31-3**	3	East Side Garage	Y-S	--	< 21.4	< 53.4	NA	< 0.0245	< 0.0306	< 0.0245	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-32-5**	5	East Side Garage	Y-B	--	< 18.4	< 46.0	NA	< 0.0257	< 0.0321	< 0.0257	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-33-5**	5	East Side Garage	Y-B	--	< 20.5	< 51.2	NA	< 0.0253	< 0.0316	< 0.0253	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-34-15**	15	West Excavation	Y-S	--	< 20.0	< 50.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-35-20**	20	West Excavation	Y-B	--	< 19.9	< 49.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-36-20**	20	West Excavation	Y-B	--	**19.5**	< 47.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-37-15**	15	West Excavation	Y-S	--	< 20.4	< 51.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-38-15**	15	West Excavation	Y-S	--	< 21.1	< 52.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-39-15**	15	West Excavation	Y-S	--	**132**	< 51.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-40-15**	15	Central Excavation	**REMOVED**	4	**2140**	< 48.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-41-3**	3	East Side Garage	Y-S	--	**241**	**99.8**	NA	< 0.0334	< 0.0418	**0.115***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-42-16**	16	West Excavation	Y-B	--	< 21.7	< 54.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-43-16**	16	West Excavation	Y-B	--	< 20.6	< 51.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-44-10**	10	West Excavation	Y-S	--	< 20.5	< 51.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-45-10**	10	West Excavation	Y-S	--	< 19.2	< 48.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-46-15**	15	West Excavation	Y-S	--	< 20.1	< 50.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-47-15**	15	West Excavation	Y-S	--	< 20.8	< 52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005261	5/20/20	**209-PEX-48-15**	15	Central Excavation	Y-S	--	< 20.8	< 52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-49-3**	3	East Excavation	Y-S	0	< 21.5	< 53.7	NA	NA	NA	NA	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439
2006123	6/8/20	**209-PEX-50-3 (Resample of PH-209-7-3)**	3	East Excavation	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386

Table 1
Soil Sample Analytical Results
Supplemental Characterization and Remediation
F200 Parcel FL209
23428 Pacific Highway South
Kent, Washington

Lab Report ID	Date	Sample ID	Sample Depth (ft bgs)	Remedial Area	Confirmation Sample?	PID	NWTPH-Dx		NWTPH-Gx	VOCs (mg/kg)			PAHs (mg/kg)										
							Diesel	Heavy Oil	Gasoline	Methylene Chloride	Tetrachloroethene	Toluene	Naphthalene	2- Methylnaphthalene	1- Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a) anthracene	Chrysene
2006123	6/8/20	**209-PEX-51-5 (Resample of PH-209-10-5)**	5	East Excavation	Y-B	0	NA	NA	NA	NA	NA	NA	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412
2006123	6/8/20	**209-PEX-52-3**	3	Central Excavation	Y-S	0	**884**	< 47.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-53-10**	10	Central Excavation	Y-S	0	< 21.1	< 52.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-54-20 (Resample of 209-PEX-13-20)**	20	Central Excavation	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365
2006123	6/8/20	**209-PEX-55-10**	10	West Excavation	Y-S	0	< 20.5	< 51.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-56-5 (Resample of 209-PEX-33-5)**	5	East Side Garage	Y-B	0	NA	NA	NA	NA	NA	NA	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403
2006123	6/8/20	**209-PEX-57-3 (Resample of 209-PEX-41-3)**	3	East Side Garage	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435
2006123	6/8/20	**209-PEX-58-20**	20	West Excavation	Y-B	0	< 20.5	< 51.3	NA	NA	NA	NA	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379
2006123	6/8/20	**209-PEX-59-15 (Resample of 209-PEX-48-15)**	15	Central Excavation	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419
2006123	6/8/20	**209-PEX-60-20 (Resample of 209-PEX-27-20)**	20	Central Excavation	Y-B	0	NA	NA	NA	NA	NA	NA	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402
2006123	6/8/20	**209-PEX-61-15 (Resample of 209-PEX-7-15)**	15	Central Excavation	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421
2006123	6/8/20	**209-PEX-62-15 (Resample of 209-PEX-9-15)**	15	Central Excavation	Y-S	0	NA	NA	NA	NA	NA	NA	< 0.0386	**0.134**	**0.311**	< 0.0386	**0.057**	**0.142**	**0.295**	**0.0417**	< 0.0386	**0.0717**	< 0.0386	**0.0412**
2006123	6/8/20	**209-PEX-63-23 (Resample of 209-PEX-10-23)**	23	Central Excavation	Y-B	0	NA	NA	NA	NA	NA	NA	**0.0695**	**0.0681**	**0.523**	< 0.0391	**0.208**	**0.605**	**0.728**	**0.118**	< 0.0391	**0.0626**	< 0.0391	< 0.0391
2006123	6/8/20	**209-PEX-64-30 (Resample of 209-PEX-15-30)**	30	Central Excavation	Y-B	0	NA	NA	NA	NA	NA	NA	< 0.0365	**0.0828**	**0.158**	< 0.0365	**0.0542**	**0.158**	**0.127**	**0.0392**	< 0.0365	< 0.0365	< 0.0365	< 0.0365
2006123	6/8/20	**209-PEX-65-30 (Resample of 209-PEX-16-30)**	30	Central Excavation	Y-B	0	NA	NA	NA	NA	NA	NA	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371
2006123	6/8/20	**209-PEX-66-20**	20	Central Excavation	Y-B	0	**648**	**341**	NA	NA	NA	NA	< 0.0390	**0.120**	**0.302**	< 0.0390	**0.077**	**0.194**	**0.794**	**0.161**	**0.125**	**0.338**	**0.172**	**0.310**
2005191	5/15/20	**209-Stockpile-West-1**	NA	Overburden Stockpile	--	--	**229**	**70.4**	NA	<0.0210	<0.0262	<0.0210	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372
2005191	5/15/20	**209-Stockpile-West-2**	NA	Overburden Stockpile	--	--	**140**	< 50.8	NA	<0.0210	<0.0263	<0.0210	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374
2006122	6/8/20	**209-Stockpile-West-3**	NA	Overburden Stockpile	--	--	**42.4**	< 47.4	NA	<0.0213	<0.0266	<0.0213	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424
2005191	5/15/20	**209-Stockpile-East-1**	NA	Overburden Stockpile	--	--	**24.3**	< 53.4	NA	<0.0205	<0.0256	<0.0205	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414
2005191	5/15/20	**209-Stockpile-East-2**	NA	Overburden Stockpile	--	--	**72.1**	**227**	NA	<0.0217	<0.0271	<0.0217	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380
2006122	6/8/20	**209-Stockpile-East-3**	NA	Overburden Stockpile	--	--	**68.0**	**232**	NA	<0.0203	<0.0254	<0.0203	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380
2006122	6/8/20	**209-Stockpile-East-4**	NA	Overburden Stockpile	--	--	**369**	**148**	NA	NA	NA	NA	<0.0412	<0.0412	**0.0412**	<0.0412	<0.0412	<0.0412	**0.0982**	<0.0412	**0.108**	**0.129**	**0.498**	**0.0702**
2006510	6/30/20	**209-PEX-67-4**	4	Joint Utility Trench	Y-S	--	**1720**	<54.7	<6.20	NA	NA	<0.0248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-PEX-68-5**	5	Joint Utility Trench	Y-S	--	**32.0**	<57.5	<7.37	NA	NA	<0.0295	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-PEX-69-11**	11	Joint Utility Trench	Y-B	--	<19.6	<49.0	<7.24	NA	NA	<0.0290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-10**	NA	Joint Utility Trench	--	--	**1230**	<55.3	<6.62	NA	NA	<0.0265	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-11**	NA	Joint Utility Trench	--	--	**1160**	<50.3	<6.75	NA	NA	<0.0270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-12**	NA	Joint Utility Trench	--	--	**1440**	**158**	<6.52	NA	NA	<0.0261	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-70-7**	7	Joint Utility Trench	Y-S	--	<21.7	<54.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-71-12**	12	Joint Utility Trench	Y-B	--	<21.9	<54.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-72-5**	5	Joint Utility Trench	Y-S	--	<23.1	<57.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-73-7**	7	Joint Utility Trench	Y-S	--	<19.1	<47.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-74-7**	7	Joint Utility Trench	Y-S	--	<23.7	<59.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-75-7**	7	Joint Utility Trench	Y-S	--	<22.2	<55.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-76-5**	5	Joint Utility Trench	Y-S	--	<21.0	<52.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-77-12**	12	Joint Utility Trench	Y-B	--	<20.8	<52.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-SP-13**	NA	Joint Utility Trench	--	--	**660**	<48.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-SP-14**	NA	Joint Utility Trench	--	--	**4530**	<57.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-78-10**	10	207/209	Y-S	0	<20.9	<52.3	<4.74	NA	NA	<0.0189	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-79-16**	16	207/209	Y-B	0	**1510**	<46.5	<5.62	NA	NA	<0.0225	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-80-14**	14	207/209	Y-S	0	<18.8	<47.1	<5.44	NA	NA	<0.0218	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-81-12**	12	207/209	Y-S	0	<21.0	<52.5	<5.78	NA	NA	<0.0231	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-82-14**	14	207/209	Y-S	0	<19.0	<47.5	<5.11	NA	NA	<0.0204	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MTCA Method A or B Soil Cleanup Level for Unrestricted Land Use (Ecology, 2013)							2000	2000	100/30[1]	0.02	0.05	7	5	5 (as Napthalene)	5 (as Napthalene)	NE	4800 (B)	3200 (B)	NE	24000 (B)	3200 (B)	2400 (B)	0.1 (TEF)	0.01 (TEF)

Notes:
ft bgs - Feet Below Ground Surface
mg/kg - milligrams per kilogram
PH - Supplemental investigation sample; PEX - Post-excavation confirmation sample
Confirmation samples document that soil remaining in place meets MTCA cleanup levels: Y- Yes;
S - Excavation Sidewall; B - Base of Excavation
< - Not detected at listed laboratory reporting limit
NA - Not Analyzed
Bold - Analyte detected
Bold/Highlighted - Analyte exceeds MTCA Method A or B Cleanup Level
1 - Gasoline mixtures without benzene and the total of ethyl benzene, toluene and xylene are less than 1%
of the gasoline mixture/All other mixtures
2 - Total Carcinogenic PAHs calculated based on Toxic Equivalency Factors (MTCA Table 708-2)
3 - Chromium VI/Chromium III - Site usage and geochemical conditions are unlikely to create Cr^{+6}.
Total chromium is assumed to be Cr+3.
***** - As 4-Isopropyltoluene

Table 1
Soil Sample Analytical Results
Supplemental Characterization and Remediation
F200 Parcel FL209
23428 Pacific Highway South
Kent, Washington

Lab Report ID	Date	Sample ID	Sample Depth (ft bgs)	Remedial Area	Confirmation Sample?	PAHs (mg/kg)							Total Metals							
						Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Indeno(1,2,3-cd) pyrene	Dibenz(a,h) anthracene	Benzo(g,h,i) perylene	Total cPAH (TEF)	As	Ba	Cd	Cr	Pb	Se	Ag	Hg
2002421	2/25/20	**PH209-1-1.5**	1.5	East Side Garage	**REMOVED**	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	< 0.0463	NA	**10.0**	**109**	**0.427**	**21.6**	**28.8**	**0.743**	**0.174**	< 0.276
2002421	2/25/20	**PH209-1-3**	3	East Side Garage	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**7.92**	**91.2**	**0.318**	**17.7**	**14.6**	**0.466**	**0.108**	< 0.279
2002421	2/25/20	**PH209-2-1.5**	1.5	East Side Garage	**REMOVED**	< 0.0403	< 0.0403	**0.395**	**0.0614**	**0.0833**	**0.119**	**0.484**	**4.64**	**57.6**	**0.363**	**27.8**	**6.74**	**0.664**	< 0.0893	< 0.261
2002421	2/25/20	**PH209-2-3**	3	East Side Garage	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**5.91**	**86.9**	<0.185	**32.1**	**10.8**	**0.736**	**0.0959**	< 0.284
2002421	2/25/20	**PH209-3-1.5**	1.5	East Side Garage	**REMOVED**	< 0.0393	< 0.0393	**0.0456**	< 0.0393	< 0.0393	< 0.0393	**0.055**	**3.36**	**57.6**	< 0.158	**21.3**	**13.7**	**0.515**	< 0.0791	**0.544**
2002421	2/25/20	**PH209-3-3**	3	East Side Garage	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**5.67**	**102**	< 0.184	**33.4**	**7.88**	**0.710**	**0.115**	< 0.277
2002421	2/25/20	**PH209-4-1.5**	1.5	East Side Garage	**REMOVED**	< 0.0434	< 0.0434	< 0.0434	< 0.0434	< 0.0434	< 0.0434	**0.0139**	**6.54**	**94.2**	**0.453**	**23.5**	**64.5**	**0.599**	**0.141**	**0.700**
2002421	2/25/20	**PH209-4-3**	3	East Side Garage	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**4.24**	**112**	< 0.174	**31.6**	**6.65**	**0.731**	**0.0972**	< 0.273
2002421	2/25/20	**PH209-5-3**	3	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-5-5**	5	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-6-3**	3	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-6-5**	5	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-7-3**	3	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-7-5**	5	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-8-3**	3	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-8-5**	5	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-9-5**	5	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-9-9**	9	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-10-5**	5	East Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-11-5**	5	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**3.46**	**76.2**	< 0.166	**23.6**	**7.94**	**0.598**	< 0.0829	**1.21**
2002421	2/25/20	**PH209-11-10**	10	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	**2.21**	**45.4**	< 0.161	**20.5**	**2.81**	**0.587**	< 0.0805	< 0.260
2002421	2/25/20	**PH209-12-5**	5	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-12-7**	10	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-13-5**	5	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2002421	2/25/20	**PH209-13-10**	10	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-6**	6	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-10**	10	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-14-15**	15	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-15-10**	10	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-16-10**	10	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-17-10**	10	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2004072	4/6/20	**PH209-17-15**	15	West Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-1-4**	1	East Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-2-4**	4	East Excavation	Y-S	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-3-6**	6	East Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005052	5/6/20	**209-PEX-4-18**	18	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-5-15**	15	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-6-23**	23	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-7-15**	15	Central Excavation	Y-S	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	NA	NA	NA	NA	NA	NA	NA	NA
2005067	5/7/20	**209-PEX-8-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005082	5/8/20	**209-PEX-9-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005082	5/8/20	**209-PEX-10-23**	23	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-11-20**	20	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-12-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-13-20**	20	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-14-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-15-30**	30	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-16-30**	30	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-17-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-18-20**	20	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-19-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005095	5/11/20	**209-PEX-20-20**	20	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-21-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-22-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-23-10**	10	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-24-10**	10	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-25-20**	20	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-26-15**	15	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-27-20**	20	Central Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-28-10**	10	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-30-3**	3	East Side Garage	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-31-3**	3	East Side Garage	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005114	5/12/20	**209-PEX-32-5**	5	East Side Garage	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.170	NA	**1.76**	NA	NA	NA
2005114	5/12/20	**209-PEX-33-5**	5	East Side Garage	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.162	NA	**1.27**	NA	NA	NA
2005129	5/13/20	**209-PEX-34-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-35-20**	20	West Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-36-20**	20	West Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-37-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-38-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005129	5/13/20	**209-PEX-39-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-40-15**	15	Central Excavation	**REMOVED**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-41-3**	3	East Side Garage	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.285**	NA	**36.7**	NA	NA	NA
2005160	5/14/20	**209-PEX-42-16**	16	West Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-43-16**	16	West Excavation	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-44-10**	10	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-45-10**	10	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-46-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005160	5/14/20	**209-PEX-47-15**	15	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2005261	5/20/20	**209-PEX-48-15**	15	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-49-3**	3	East Excavation	Y-S	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	< 0.0439	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-50-3 (Resample of PH-209-7-3)**	3	East Excavation	Y-S	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	NA	NA	NA	NA	NA	NA	NA	NA

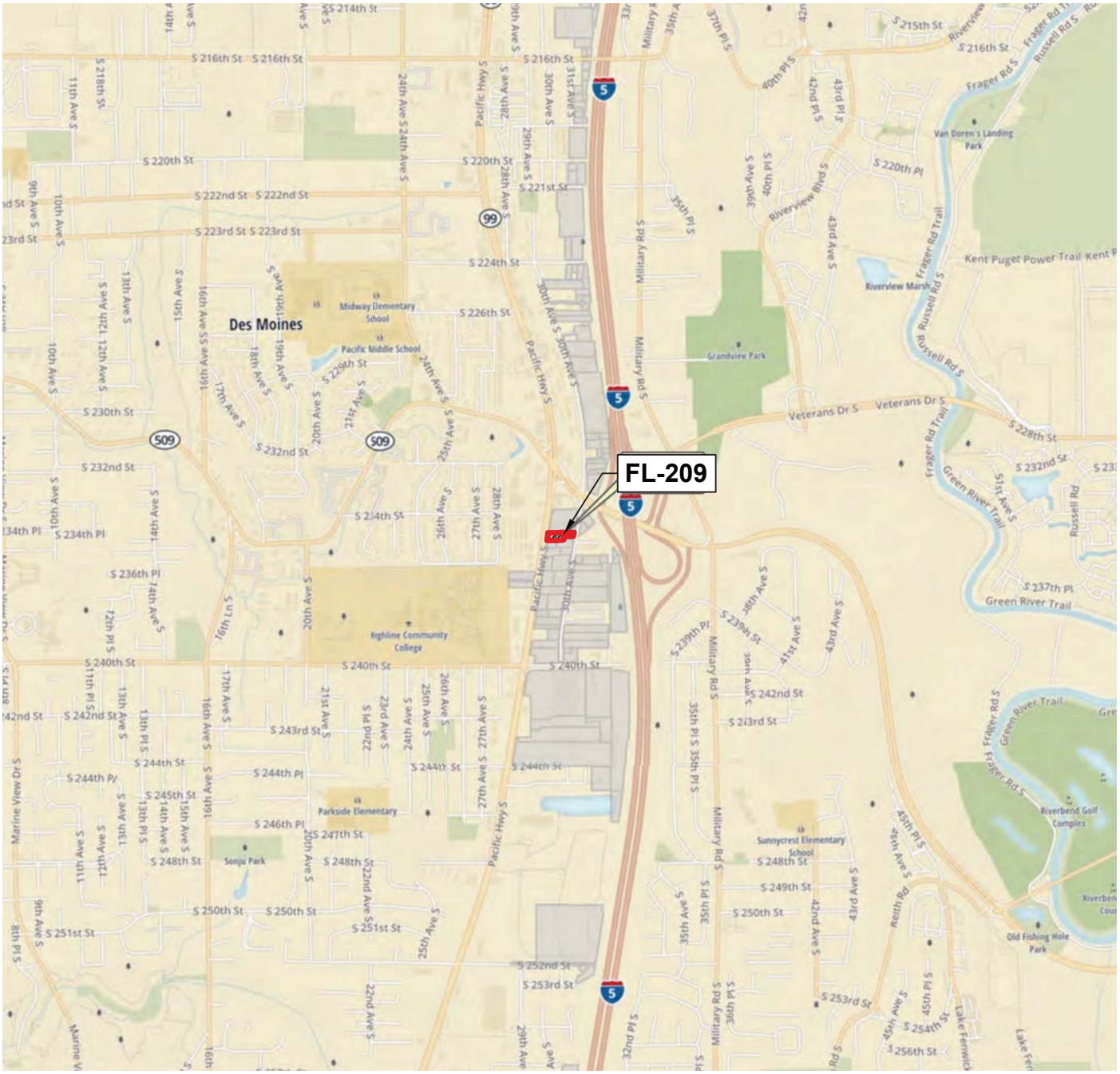
Table 1
Soil Sample Analytical Results
Supplemental Characterization and Remediation
F200 Parcel FL209
23428 Pacific Highway South
Kent, Washington

Lab Report ID	Date	Sample ID	Sample Depth (ft bgs)	Remedial Area	Confirmation Sample?	PAHs (mg/kg)							Total Metals							
						Benzo(b) fluoranthene	Benzo(k) fluoranthene	Benzo(a) pyrene	Indeno(1,2,3-cd) pyrene	Dibenz(a,h) anthracene	Benzo(g,h,i) perylene	Total cPAH (TEF)	As	Ba	Cd	Cr	Pb	Se	Ag	Hg
~~2006123~~	~~6/8/20~~	**209-PEX-51-5 (Resample of PH-209-10-5)**	~~5~~	~~East Excavation~~	~~Y-B~~	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	< 0.0412	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-52-3**	3	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-53-10**	10	Central Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-54-20 (Resample of 209-PEX-13-20)**	20	Central Excavation	Y-S	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-55-10**	10	West Excavation	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-56-5 (Resample of 209-PEX-33-5)**	5	East Side Garage	Y-B	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-57-3 (Resample of 209-PEX-41-3)**	3	East Side Garage	Y-S	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	< 0.0435	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-58-20**	20	West Excavation	Y-B	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	< 0.0379	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-59-15 (Resample of 209-PEX-48-15)**	15	Central Excavation	Y-S	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	< 0.0419	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-60-20 (Resample of 209-PEX-27-20)**	20	Central Excavation	Y-B	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	< 0.0402	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-61-15 (Resample of 209-PEX-7-15)**	15	Central Excavation	Y-S	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	< 0.0421	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-62-15 (Resample of 209-PEX-9-15)**	15	Central Excavation	Y-S	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	< 0.0386	**0.0004**	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-63-23 (Resample of 209-PEX-10-23)**	23	Central Excavation	Y-B	< 0.0391	< 0.0391	< 0.0391	< 0.0391	< 0.0391	< 0.0391	< 0.0391	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-64-30 (Resample of 209-PEX-15-30)**	30	Central Excavation	Y-B	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	< 0.0365	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-65-30 (Resample of 209-PEX-16-30)**	30	Central Excavation	Y-B	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	< 0.0371	NA	NA	NA	NA	NA	NA	NA	NA
2006123	6/8/20	**209-PEX-66-20**	20	Central Excavation	Y-B	< 0.0390	< 0.0390	**0.0663**	< 0.0390	< 0.0390	< 0.0390	**0.0269**	NA	NA	NA	NA	NA	NA	NA	NA
2005191	5/15/20	**209-Stockpile-West-1**	NA	Overburden Stockpile	--	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	<0.0372	**2.88**	NA	<0.169	**22.1**	**6.88**	NA	NA	<0.255
2005191	5/15/20	**209-Stockpile-West-2**	NA	Overburden Stockpile	--	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	<0.0374	**3.89**	NA	<0.167	**31.5**	**8.27**	NA	NA	<0.256
2006122	6/8/20	**209-Stockpile-West-3**	NA	Overburden Stockpile	--	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	<0.0424	**3.66**	NA	<0.171	**23.5**	**8.84**	NA	NA	<0.265
2005191	5/15/20	**209-Stockpile-East-1**	NA	Overburden Stockpile	--	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	<0.0414	**5.33**	NA	**0.167**	**30.5**	**7.72**	NA	NA	<0.274
2005191	5/15/20	**209-Stockpile-East-2**	NA	Overburden Stockpile	--	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	**5.94**	NA	**0.193**	**28.2**	**16.8**	NA	NA	**0.396**
2006122	6/8/20	**209-Stockpile-East-3**	NA	Overburden Stockpile	--	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	<0.0380	**4.68**	NA	**0.207**	**36.7**	**8.49**	NA	NA	<0.225
2006122	6/8/20	**209-Stockpile-East-4**	NA	Overburden Stockpile	--	**0.0559**	<0.0412	**0.053**	<0.0412	<0.0412	<0.0412	**0.0643**	**3.99**	NA	<0.158	**23.1**	**12.2**	NA	NA	**0.494**
2006510	6/30/20	**209-PEX-67-4**	4	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-PEX-68-5**	5	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-PEX-69-11**	11	Joint Utility Trench	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-10**	NA	Joint Utility Trench	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-11**	NA	Joint Utility Trench	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2006510	6/30/20	**209-SP-12**	NA	Joint Utility Trench	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-70-7**	7	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-71-12**	12	Joint Utility Trench	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-72-5**	5	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-73-7**	7	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-74-7**	7	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-75-7**	7	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-76-5**	5	Joint Utility Trench	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-PEX-77-12**	12	Joint Utility Trench	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-SP-13**	NA	Joint Utility Trench	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2007021	7/1/20	**209-SP-14**	NA	Joint Utility Trench	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-78-10**	10	207/209	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-79-16**	16	207/209	Y-B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-80-14**	14	207/209	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-81-12**	12	207/209	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2008222	8/17/20	**209-PEX-82-14**	14	207/209	Y-S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		MTCA Method A or B Soil Cleanup Level for Unrestricted Land Use (Ecology, 2013)				0.1 (TEF)	0.1 (TEF)	1 (TEF)	0.1 (TEF)	0.1 (TEF)	NE	0.1 (TEF)[2]	20	16000(B)	2	16/2000[3]	250	400(B)	400(B)	2

Notes:
ft bgs - Feet Below Ground Surface
mg/kg - milligrams per kilogram
PH - Supplemental investigation sample; PEX - Post-excavation confirmation sample
Confirmation samples document that soil remaining in place meets MTCA cleanup levels: Y- Yes;
S - Excavation Sidewall; B - Base of Excavation
< - Not detected at listed laboratory reporting limit
NA - Not Analyzed
Bold - Analyte detected
Bold/Highlighted - Analyte exceeds MTCA Method A or B Cleanup Level
1 - Gasoline mixtures without benzene and the total of ethyl benzene, toluene and xylene are less than 1% of the gasoline mixture/All other mixtures
2 - Total Carcinogenic PAHs calculated based on Toxic Equivalency Factors (MTCA Table 708-2)
3 - Chromium VI/Chromium III - Site usage and geochemical conditions are unlikely to create Cr^{+6}. Total chromium is assumed to be Cr+3.
* - As 4-Isopropyltoluene

Figure 1 - Vicinity Map

11/24/2020 9:02 AM



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Not to Scale

Reference: Base file Vicinity Map FL-209 by GeoEngineers, dated 1/18/17.

O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

VICINITY MAP

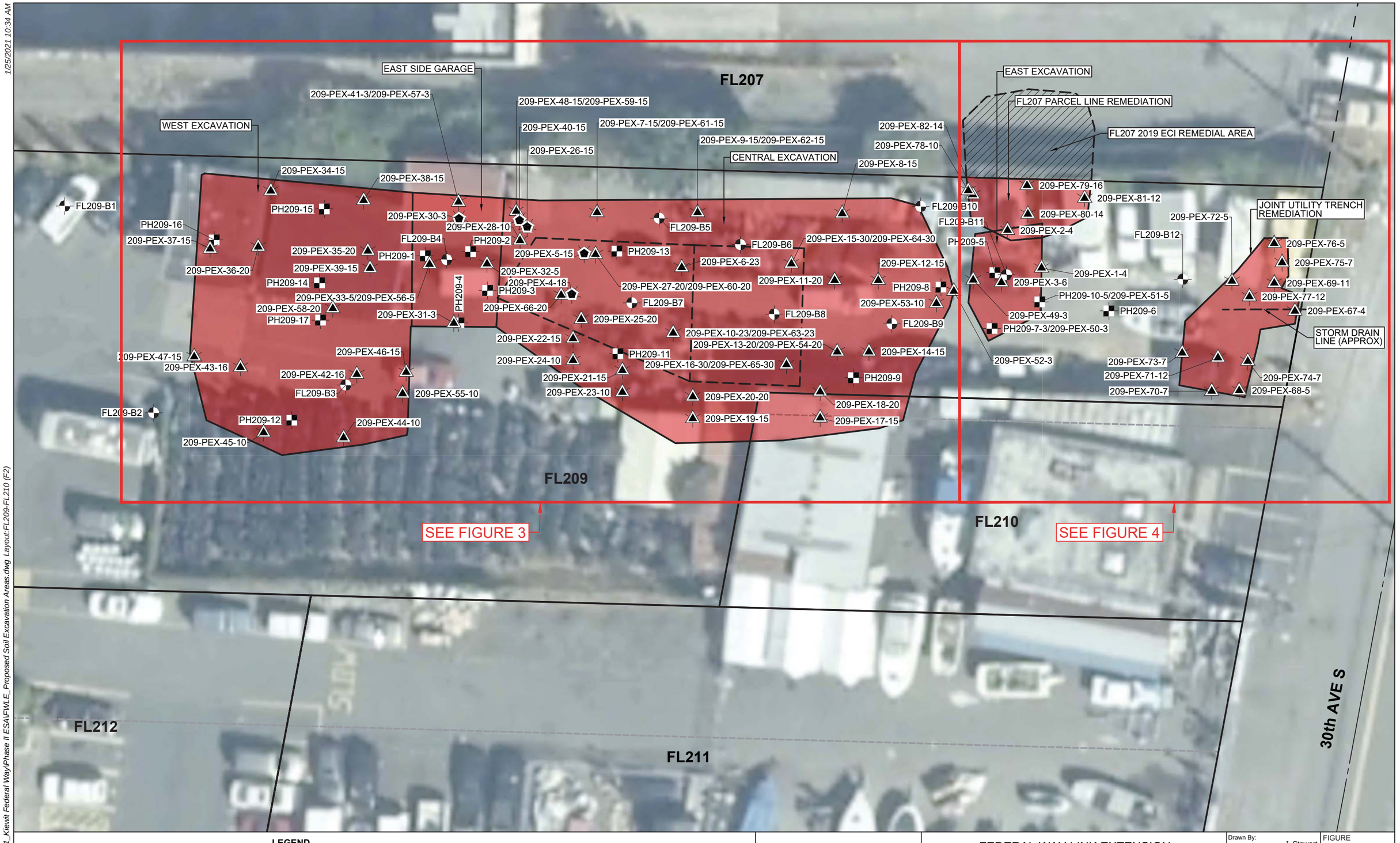
Drawn By:	J. Stewart
Reviewed By:	V. Atkins
Approved By:	V. Atkins
Date:	March 2020
Project No.:	2021

FIGURE

1

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Figure 2 - Remedial Excavation Area



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SCALE IN FEET

LEGEND

- FL209-B1 — GEOENGINEERS PHASE II BORING
- PH209-1 — SUPPLEMENTAL INVESTIGATION
- 209-PEX-1-4 — CONFIRMATION SAMPLE
- 209-PEX-40-15 — REMOVED CONFIRMATION SAMPLE
- AREAS OF VARIABLE TOTAL DEPTH OF EXCAVATION (SEE LABELS)
- PARCEL LINES

O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209/FL210 CONTAMINATION

Drawn By:	J. Stewart
Reviewed By:	S. Darst
Approved By:	V. Atkins
Date:	May 2020
Project No.:	2021

FIGURE 2

1/25/2021 10:34 AM

Z:\Shared\CADD\2021_Kiewit Federal Way\Phase II ESA\FWLE_Proposed Soil Excavation Areas.dwg Layout:FL209-FL210 (F2)

Figure 3 - Remedial Excavation Area West Detail

1/25/2021 10:34 AM

FL207

209-PEX-41-3/209-PEX-57-3
EAST SIDE GARAGE
209-PEX-48-15/209-PEX-59-15
FL207 2019 ECI REMEDIAL AREA
209-PEX-40-15
209-PEX-7-15/209-PEX-61-15
209-PEX-82-14
209-PEX-78-10
209-PEX-9-15/209-PEX-62-15
WEST EXCAVATION
209-PEX-26-15
209-PEX-34-15
209-PEX-38-15
EXCAVATED 0-20' BGS
209-PEX-8-15
CENTRAL EXCAVATION
FL209-B1
PH209-15
209-PEX-30-3
209-PEX-28-10
FL209-B5
FL209-B10
FL209-B11
209-PEX-2-4
PH209-16
209-PEX-37-15
FL209-B4
PH209-2
FL209-B6
209-PEX-15-30/209-PEX-64-30
PH209-5
209-PEX-35-20
PH209-1
209-PEX-5-15
PH209-13
209-PEX-6-23
209-PEX-12-15
209-PEX-36-20
209-PEX-39-15
209-PEX-32-5
209-PEX-11-20
209-PEX-3-6
PH209-14
209-PEX-4-18
209-PEX-27-20/209-PEX-60-20
PH209-8
PH209-3
209-PEX-33-5/209-PEX-56-5
FL209-B7
209-PEX-53-10
EXCAVATED 0-20' BGS
209-PEX-58-20
209-PEX-66-20
FL209-B8
209-PEX-49-3
PH209-17
209-PEX-31-3
209-PEX-25-20
FL209-B9
209-PEX-10-23/209-PEX-63-23
209-PEX-22-15
209-PEX-13-20/209-PEX-54-20
209-PEX-47-15
209-PEX-46-15
PH209-11
209-PEX-14-15
209-PEX-52-3
209-PEX-43-16
209-PEX-24-10
209-PEX-16-30/209-PEX-65-30
209-PEX-42-16
209-PEX-21-15
PH209-9
EXCAVATED 0-5' BGS
FL209-B3
209-PEX-55-10
209-PEX-23-10
209-PEX-20-20
209-PEX-18-20
FL209-B2
209-PEX-19-15
209-PEX-17-15
PH209-12
209-PEX-44-10
209-PEX-45-10
EXCAVATED 0-30' BGS

A
A'
B
B'
C
C'
D
D'
E
E'

FL209
FL210

Z:\Shared\CADD\2021_Kiewit Federal Way\Phase II ESA\FWLE_Proposed Soil Excavation Areas.dwg Layout:FL209-FL210 (F3)

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SCALE IN FEET

LEGEND

- FL209-B1 — GEOENGINEERS PHASE II BORING
- PH209-1 — SUPPLEMENTAL INVESTIGATION
- 209-PEX-1-4 — CONFIRMATION SAMPLE
- 209-PEX-40-15 — REMOVED CONFIRMATION SAMPLE
- AREAS OF VARIABLE TOTAL DEPTH OF EXCAVATION (SEE LABELS)
- PARCEL LINES

O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209/FL210 CONTAMINATION WEST DETAIL

Drawn By:	J. Stewart
Reviewed By:	S. Darst
Approved By:	V. Atkins
Date:	May 2020
Project No.:	J. Stewart

FIGURE 3

Figure 4 - Remedial Excavation Area East Detail

FL207

FL209

FL210

209-PEX-82-14

209-PEX-78-10

209-PEX-8-15

209-PEX-79-16

209-PEX-81-12

209-PEX-80-14

209-PEX-2-4

209-PEX-15-30/209-PEX-64-30

209-PEX-12-15

209-PEX-11-20

209-PEX-53-10

209-PEX-14-15

209-PEX-18-20

209-PEX-17-15

209-PEX-1-4

209-PEX-3-6

209-PEX-49-3

209-PEX-52-3

209-PEX-73-7

209-PEX-71-12

209-PEX-70-7

209-PEX-76-5

209-PEX-75-7

209-PEX-69-11

209-PEX-77-12

209-PEX-67-4

209-PEX-74-7

209-PEX-68-5

FL209-B8

FL209-B9

FL209-B10

FL209-B11

FL209-B12

PH209-5

PH209-8

PH209-9

PH209-7-3/209-PEX-50-3

PH209-10-5/209-PEX-51-5

PH209-6

F

F'

G

G'

H

H'

I

I'

J

J'

FL207 2019 ECI REMEDIAL AREA

FL207 PARCEL LINE REMEDIATION

JOINT UTILITY TRENCH REMEDIATION

EAST EXCAVATION

EXCAVATED 0-16' BGS

EXCAVATED 0-6' BGS

EXCAVATED 0-12' BGS

STORM DRAIN LINE (APPROX)

30th AVE S

N

5 0 5 10

SCALE IN FEET

LEGEND

FL209-B1 GEOENGINEERS PHASE II BORING

PH209-1 SUPPLEMENTAL INVESTIGATION

209-PEX-1-4 CONFIRMATION SAMPLE

209-PEX-40-15 REMOVED CONFIRMATION SAMPLE

AREAS OF VARIABLE TOTAL DEPTH OF EXCAVATION (SEE LABELS)

PARCEL LINES

O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209/FL210 CONTAMINATION EAST DETAIL

Drawn By:	J. Stewart
Reviewed By:	S. Darst
Approved By:	V. Atkins
Date:	May 2020
Project No.:	J. Stewart

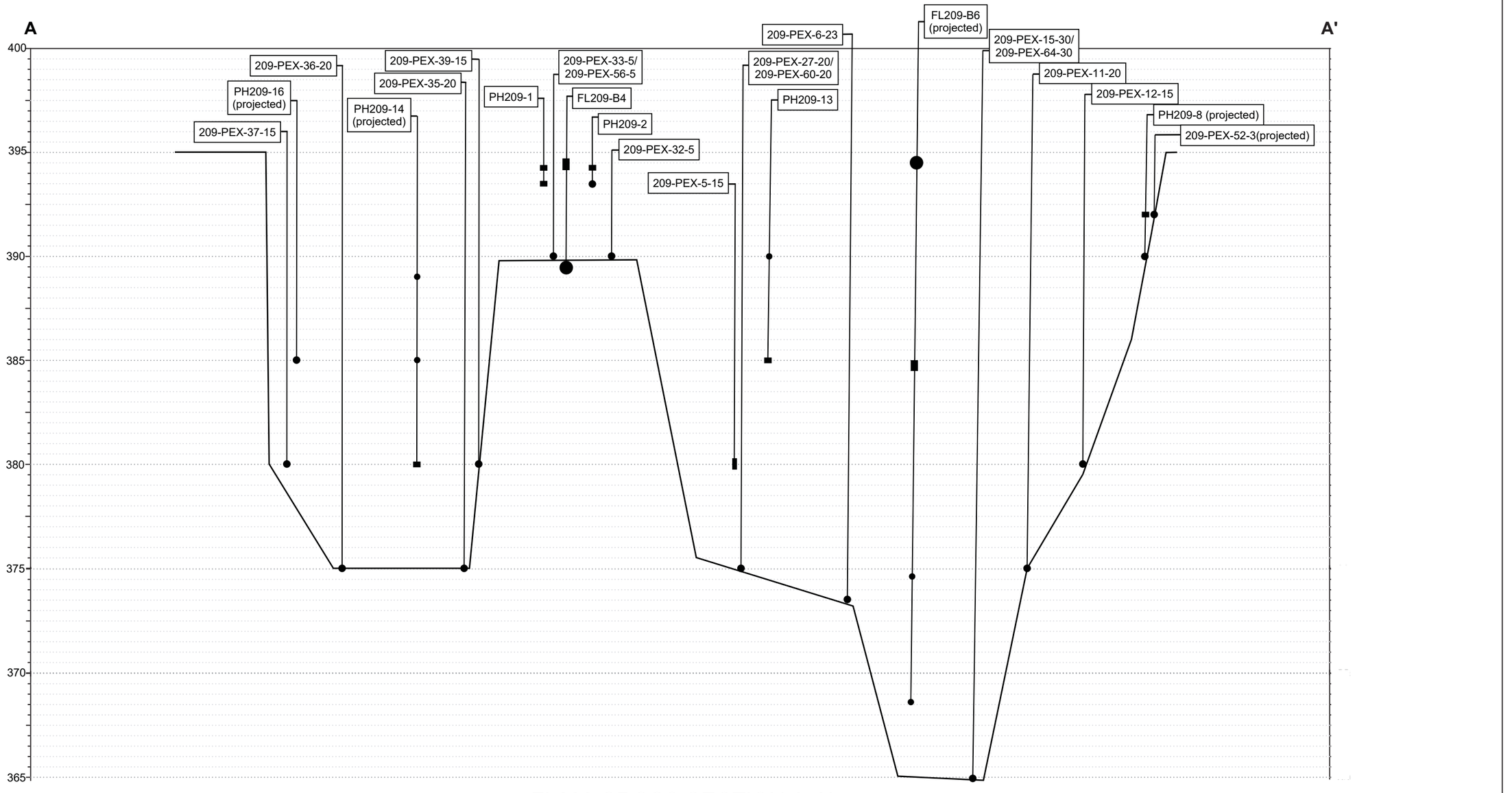
FIGURE 4

1/25/2021 10:35 AM

Z:\Shared\CADD\2021_Kiewit Federal Way\Phase II ESA\FWLE_Proposed Soil Excavation Areas.dwg Layout:FL209-FL210 (F4)

Figure 5 - Excavation Cross Sections

10/15/2020 1:46 PM



FL209 CROSS SECTION A-A'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

O'Neill Service Group

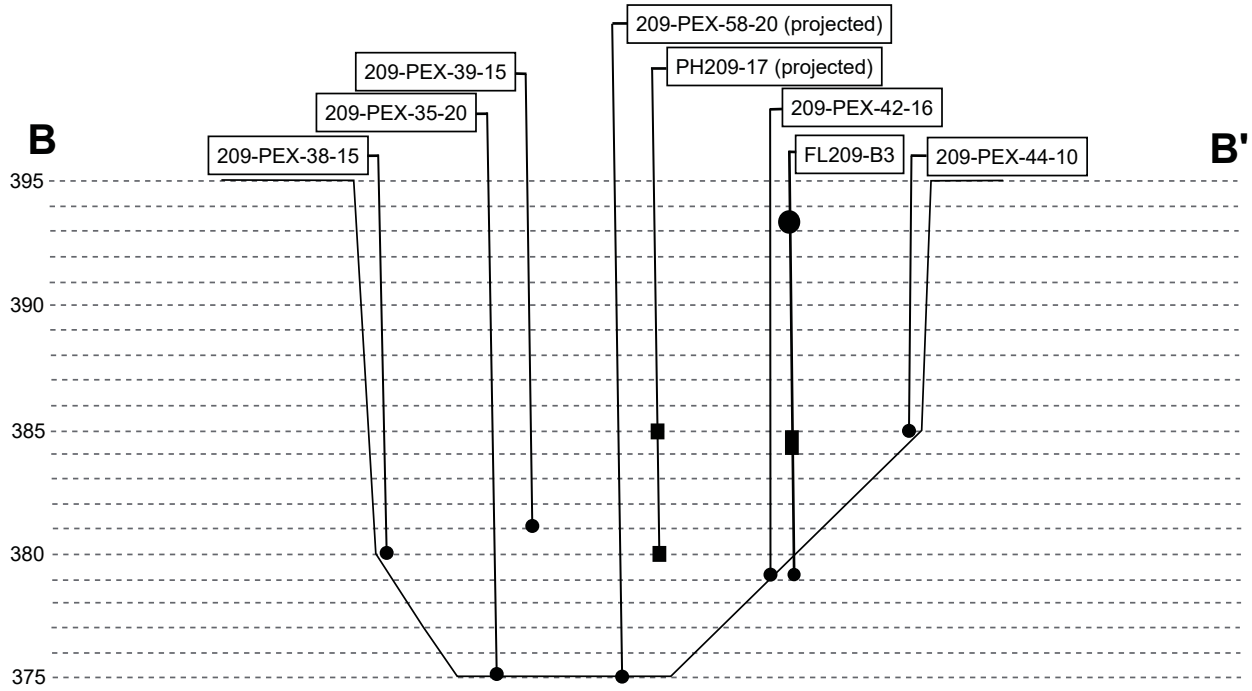
FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209 CROSS SECTIONS

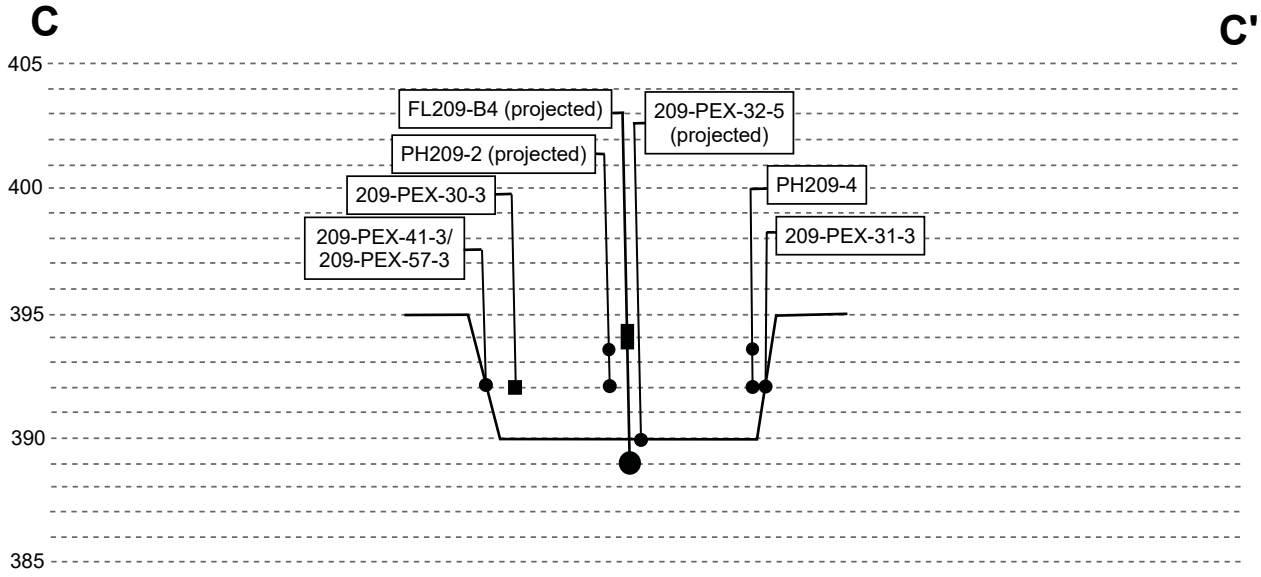
Drawn By:	I. Mendoza
Reviewed By:	S. Darst
Approved By:	V. Atkins
Date:	October 2020
Project No.:	2021

FIGURE 5a

Z:\Shared\CADD\2021_Kiewit Federal Way\Phase II ESA\FWLE_Proposed Soil Excavation Areas.dwg



FL209 CROSS SECTION B-B'



FL209 CROSS SECTION C-C'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

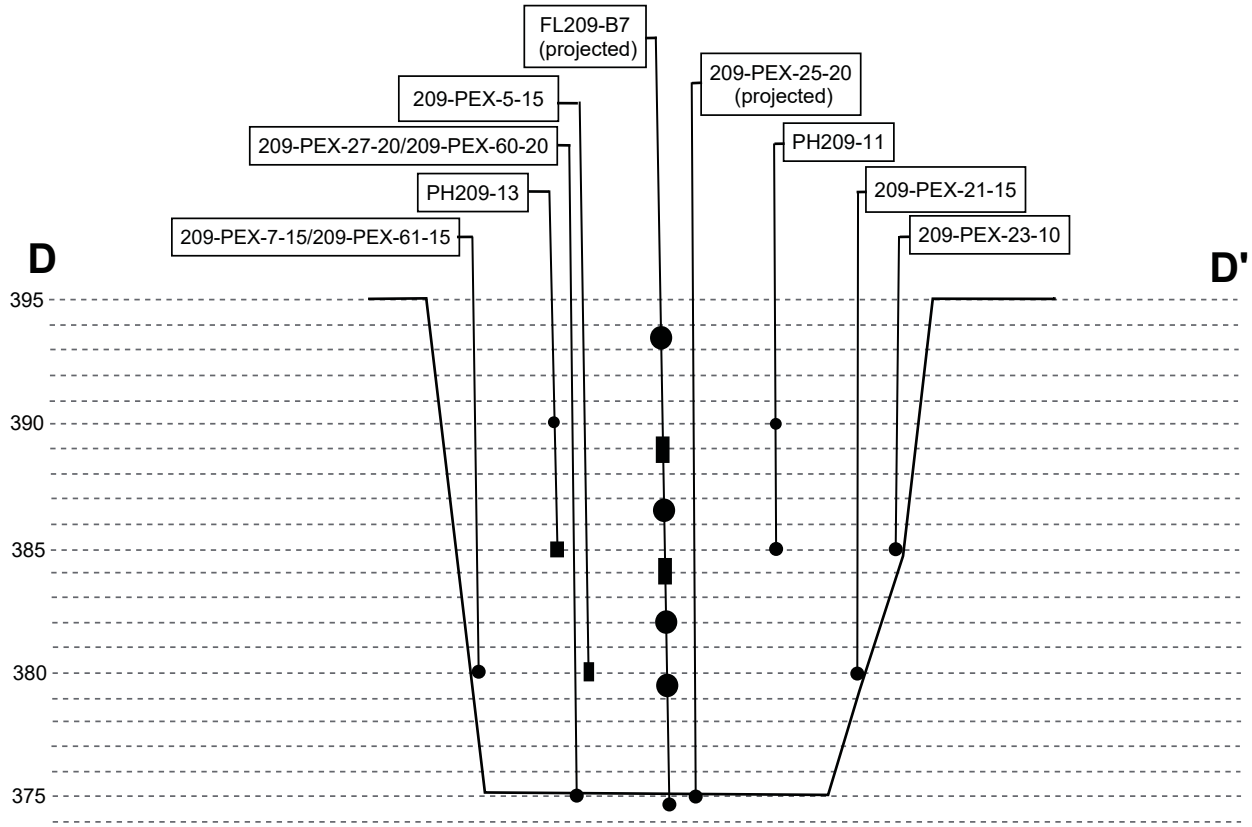
O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209 CROSS SECTIONS

Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE
5b, 5c



FL209 CROSS SECTION D-D'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

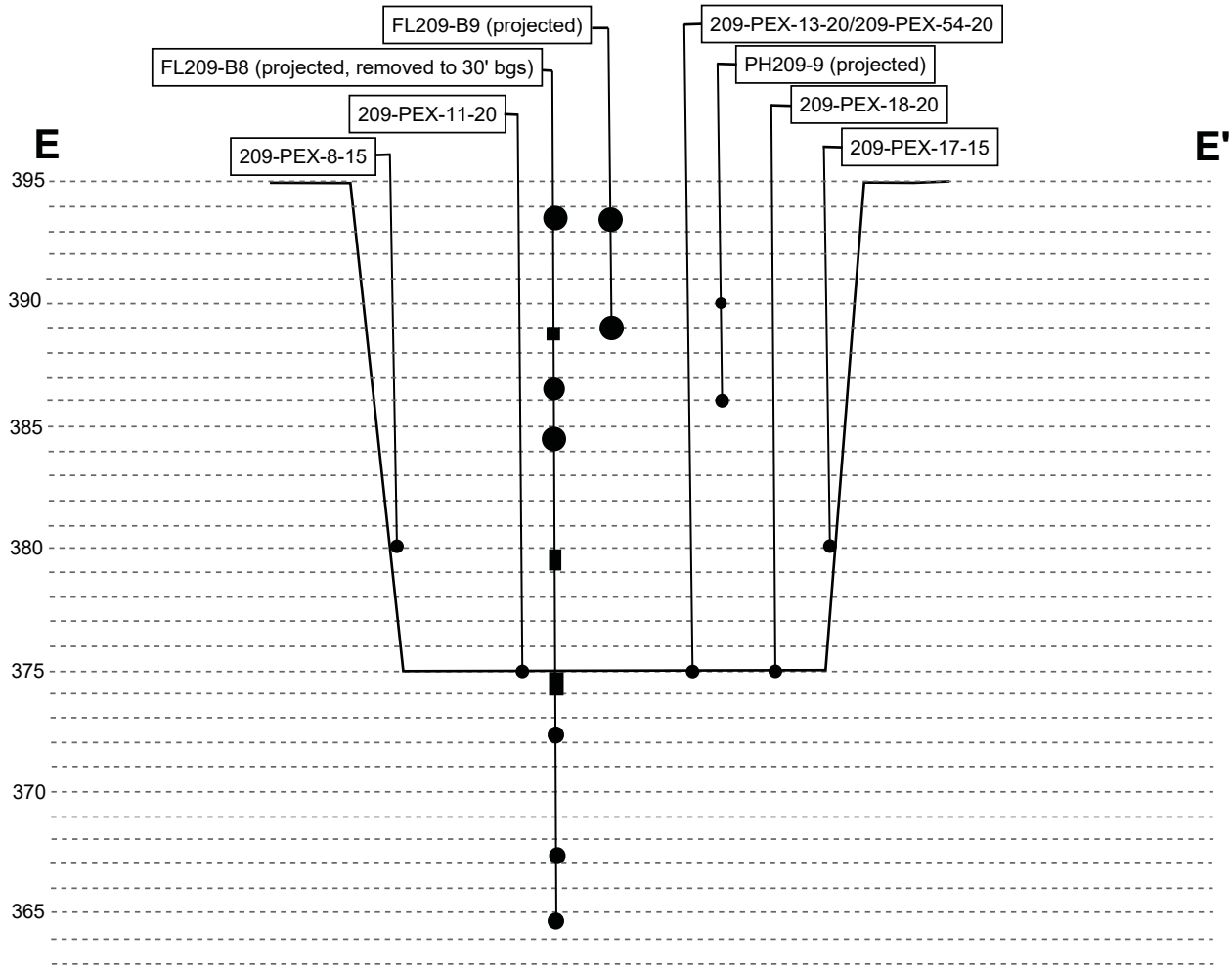
O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209 CROSS SECTIONS

Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE
5d



FL209 CROSS SECTION E-E'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

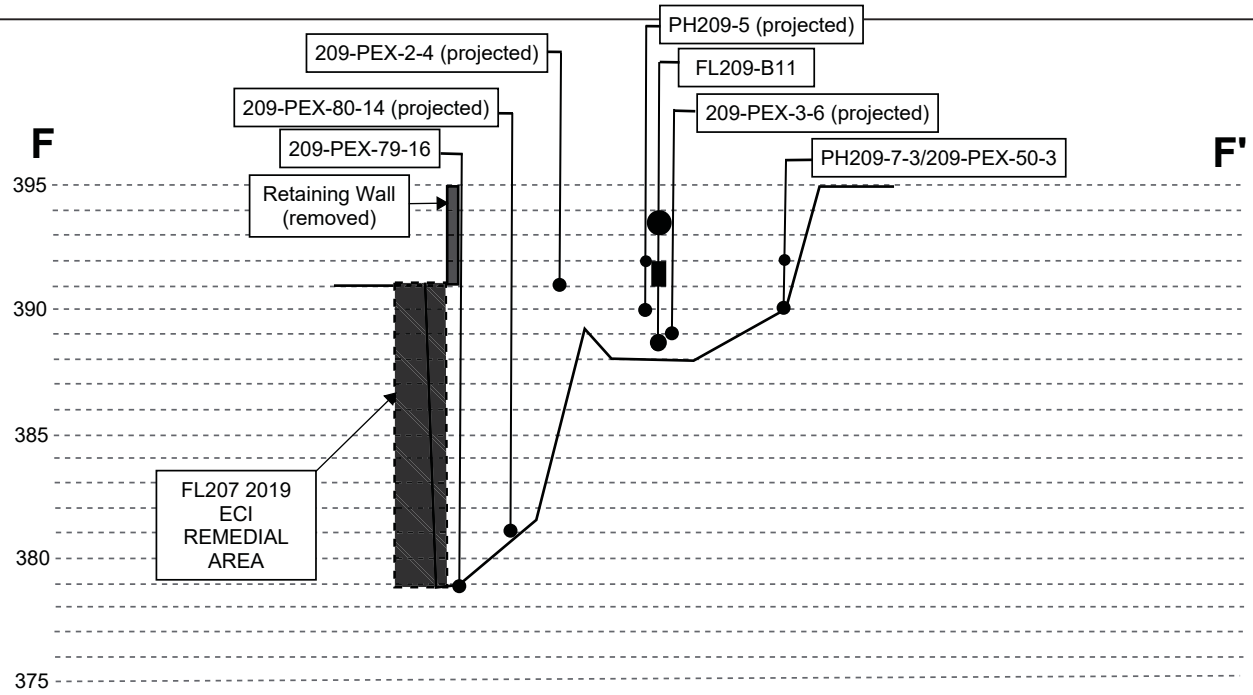
O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

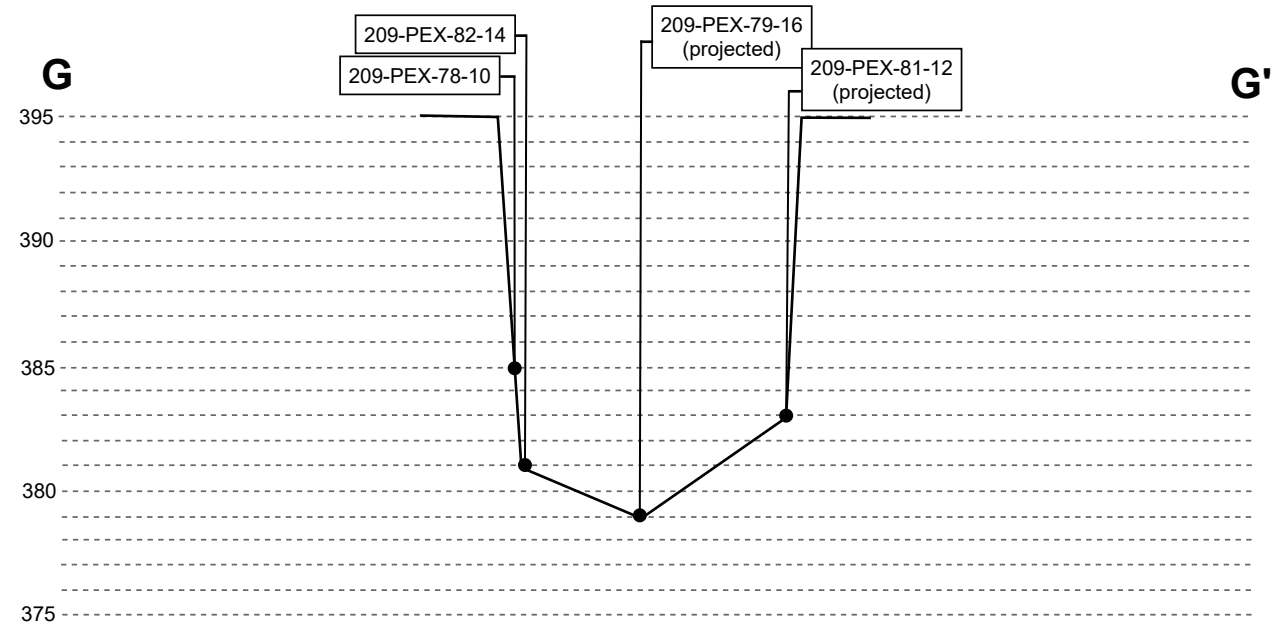
FL209 CROSS SECTIONS

Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE 5e



FL209 CROSS SECTION F-F'



FL209 CROSS SECTION G-G'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

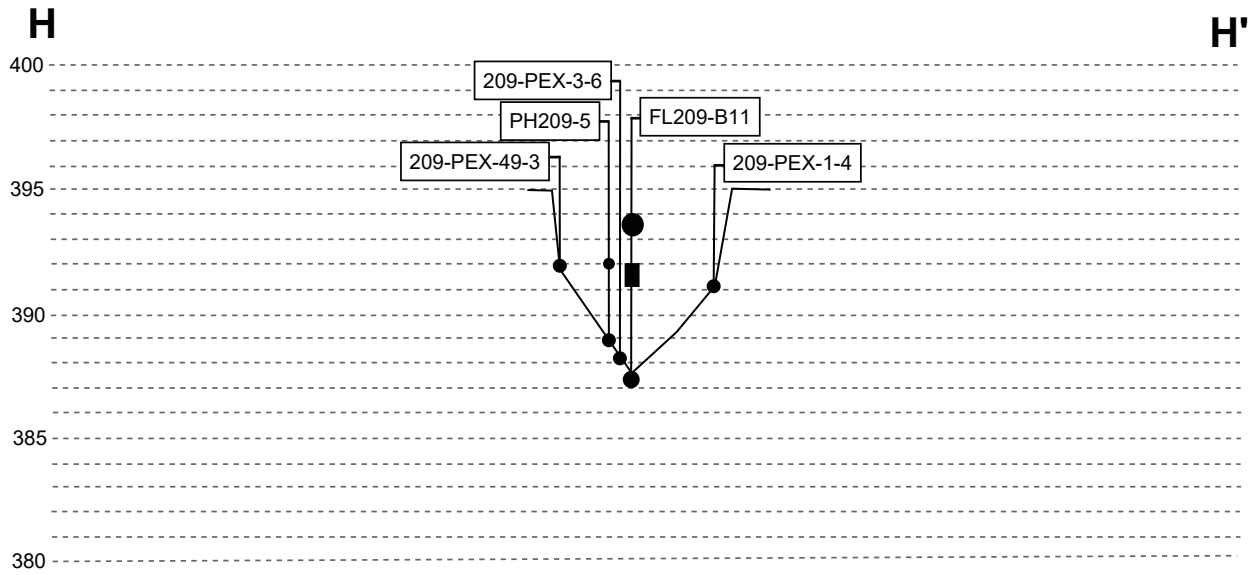
O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

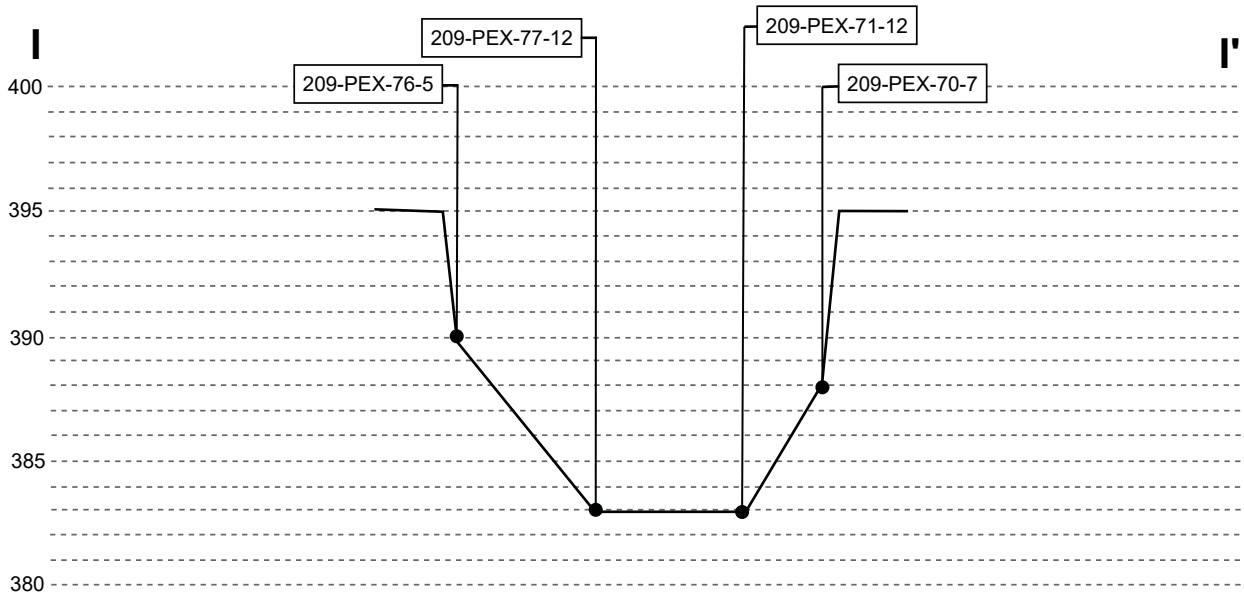
FL209 CROSS SECTIONS

Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE
5f, 5g



FL209 CROSS SECTION H-H'



FL209 CROSS SECTION I-I'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

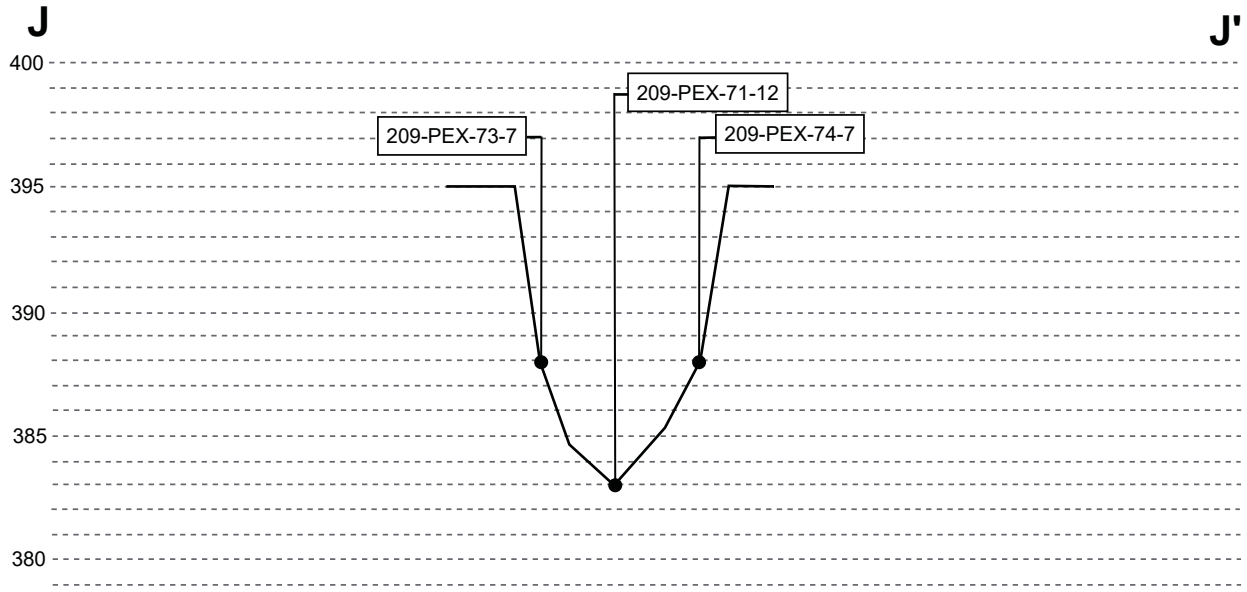
O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

FL209 CROSS SECTIONS

Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE
5h, 5i



FL209 CROSS SECTION J-J'

LEGEND

PH209-3 — Soil exploration location and ID with sample depth exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

209-PEX-18-3 — Post-excavation soil sample location and ID with depth/elevation exceeding MTCA cleanup levels (remediated)(▮) and not exceeding or below MTCA cleanup levels (●)

O'Neill Service Group

FEDERAL WAY LINK EXTENSION
SEATAC AND FEDERAL WAY
KING COUNTY, WASHINGTON

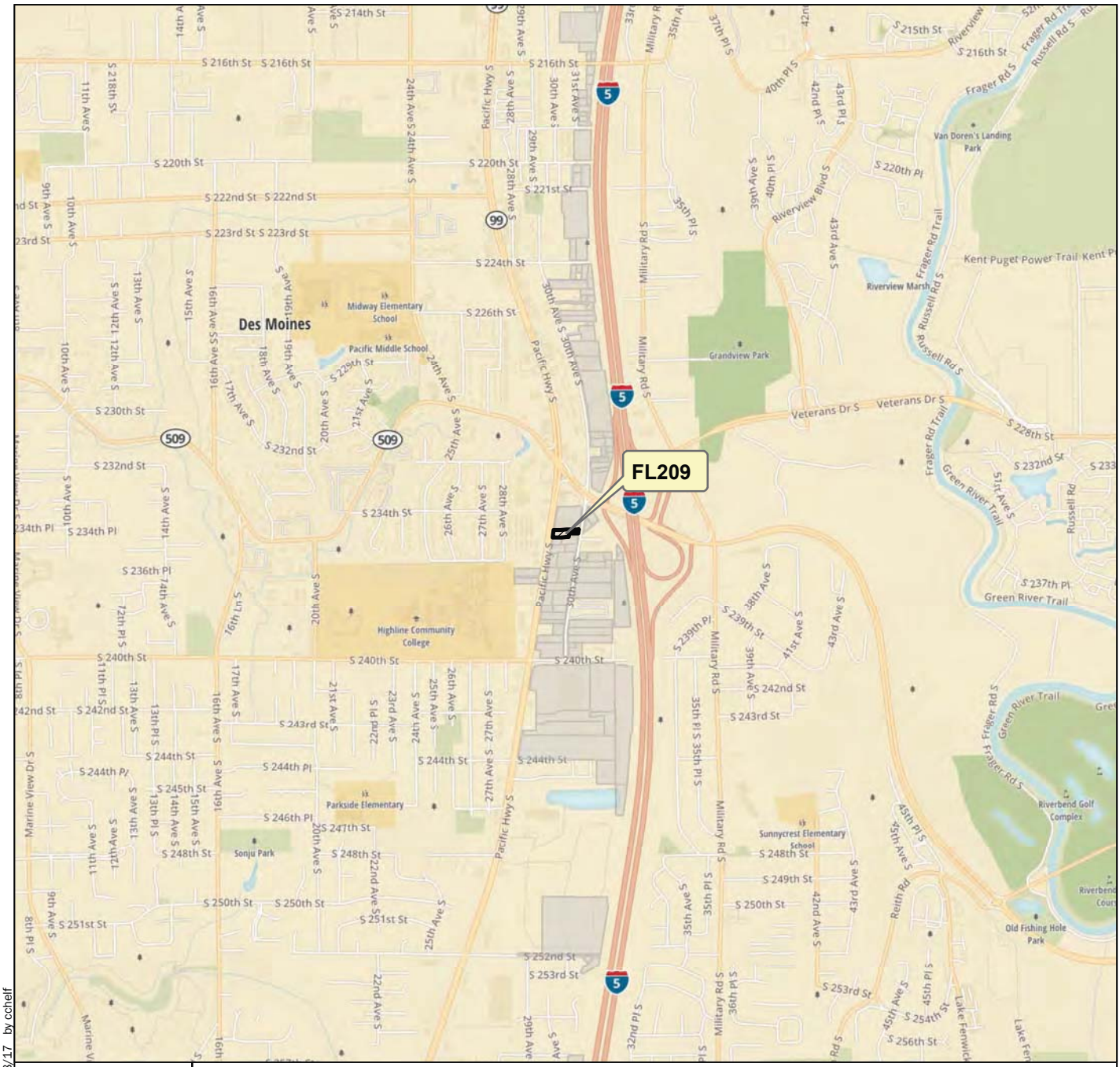
FL209 CROSS SECTIONS

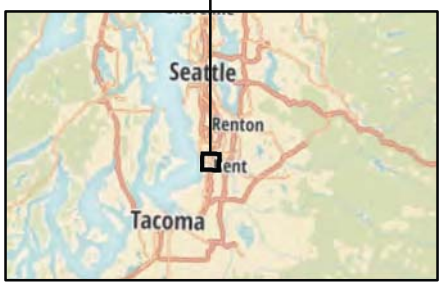
Drawn By:	I. Mendoza
Reviewed By:	V. Atkins
Approved By:	S. Darst
Date:	October 2020
Project No.:	2021

FIGURE 5j

APPENDIX A

Phase II GeoEngineers' Figures and Tables





Legend

- Subject Property
- Project Parcel

N
W E
S

2,000 0 2,000

Feet

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Mapbox Open Street Map, 2017

Projection: NAD 1983 UTM Zone 10N

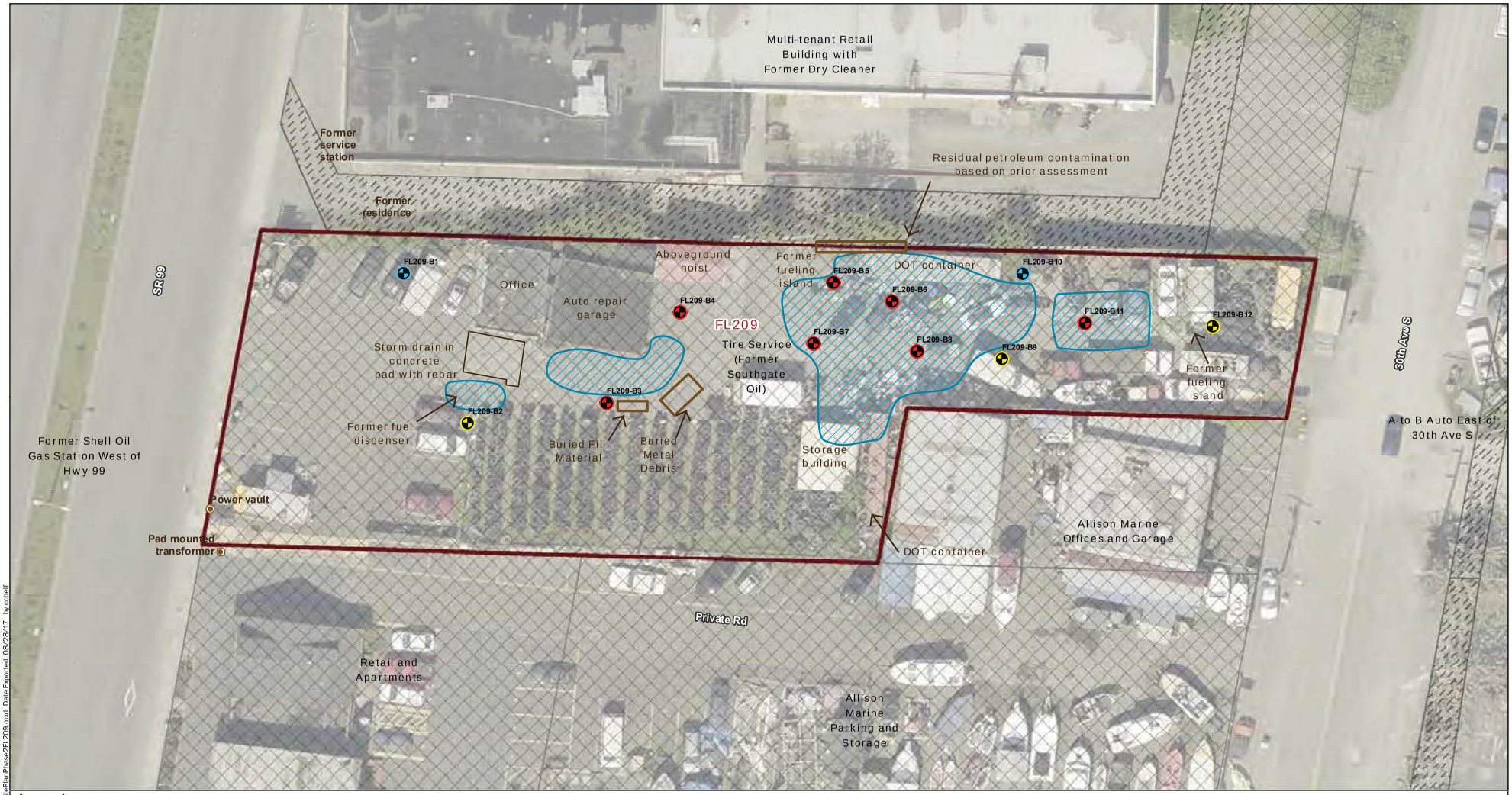
Vicinity Map
FL209

Phase II Environmental Site Assessment
Federal Way Link Extension
Washington

GeoEngineers

Figure 1

P:\4\4082039\GIS\MXD\4082039900_F01_VicinityMap.mxd Date Exported: 01/18/17 by cchelf



Legend

- One or more contaminants of concern > MTCA cleanup levels
- One or more contaminants of concern < MTCA cleanup levels
- Contaminants of concern not detected or less than natural occurring levels in Puget Sound
- Site Feature
- Subject Property
- Parcel
- Fee Take
- Temporary Construction Easement
- Approximate Previous UST and Remedial Excavation Locations

N W E S

30 0 30

Feet

Notes:

1. Based on current design information for the FWLE project (HDR, provided in June 2017)
2. The locations of all features shown are approximate. 3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Aerial and road names from King County 2015.

Parcel #: 2500600480
Address: 23428 PACIFIC HWY S
City: Kent
Owner: CASTANEDA, JUAN & ROJAS
Current Use: Auto repair

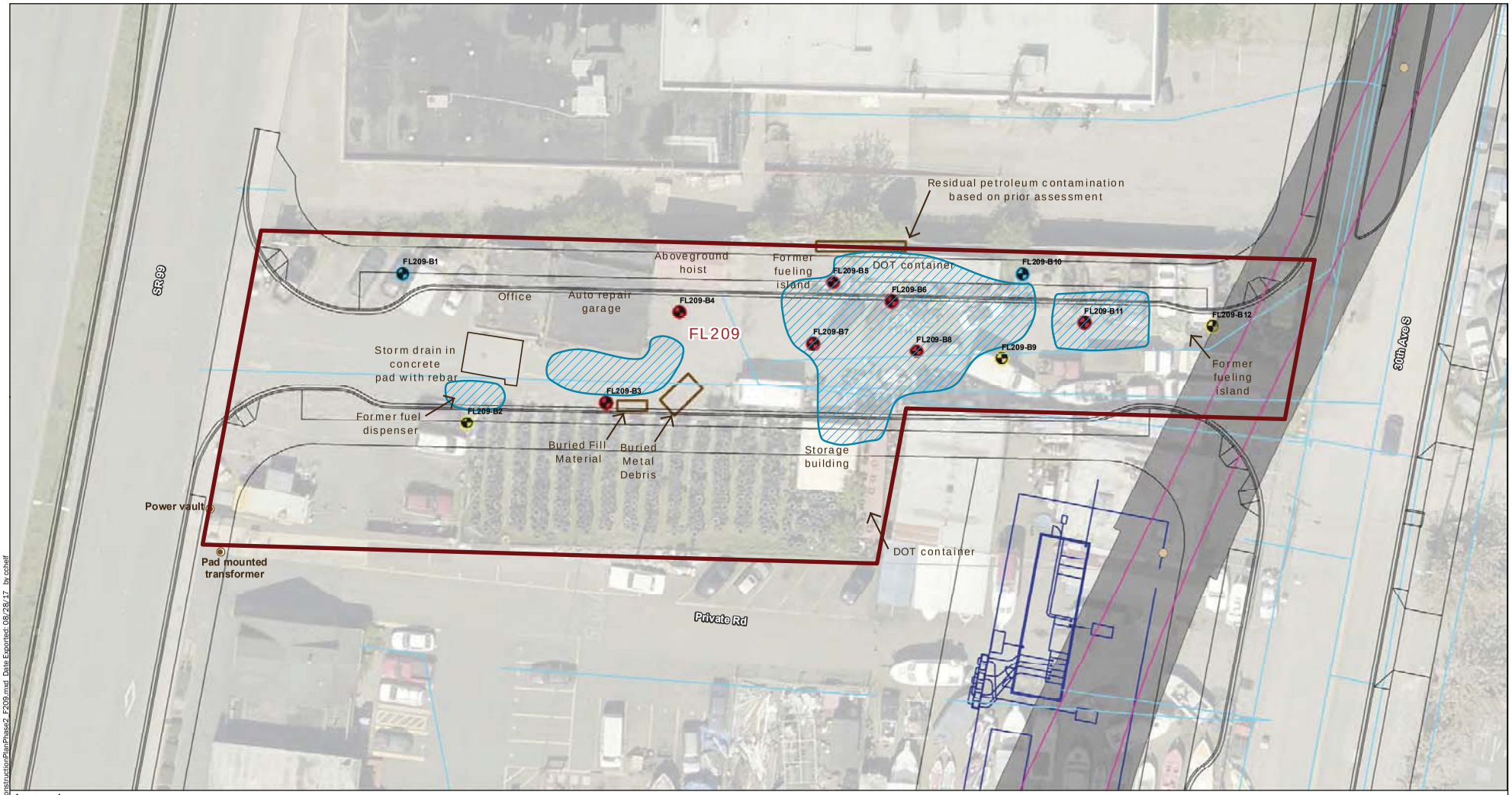
Site Plan and Boring Location Map FL209

Phase II ESA
Federal Way Link Extension
Washington

GeoEngineers

Figure 2

P:\41\40820390\GIS\MXD\408203901_F02_SitePlanPhase2FL209.mxd Date Exported: 08/28/17 by cchelf



Legend

- One or more contaminants of concern > MTCA cleanup levels
- One or more contaminants of concern < MTCA cleanup levels
- Contaminants of concern not detected or less than natural occurring levels in Puget Sound
- Site Feature
- Subject Property
- Parcel
- Approximate Previous Remedial Excavation Location

Planned Construction Features

- Column
- Track
- Road/Parking/Sidewalk
- Utilities
- TPSS - Traction
- Structure

N W E S

30 0 30

Feet

Notes:

1. Based on current design information for the FWLE project (HDR, provided in June 2017)
2. The locations of all features shown are approximate. 3. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Aerial and road names from King County 2015.

Parcel #: 2500600480
Address: 23428 PACIFIC HWY S
City: Kent
Owner: CASTANEDA, JUAN & ROJAS
Current Use: Auto repair

Proposed Construction Plan - FL209

Phase II ESA
Federal Way Link Extension
Washington

GeoEngineers

Figure 3

P:\140820390\GIS\MXD\140820390_F03_ConstructionPlanPhase2_FL209.mxd Date Exported: 08/28/17 by:cbelf

Table 1

Summary of Soil Chemical Analytical Results[1]
Sound Transit - Federal Way Link Extension FL209
Kent, Washington

Boring Identification	FL209-B1		FL209-B2	FL209-B3			FL209-B4		FL209-B5							MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B1-4.5-5'	FL209-B1-9.5-10.5'	FL209-B2-1-2'	FL209-B3-1-2'	FL209-B3-10-11'	FL209-B3-15.5-16'	FL209-B4-0.5-1.5'	FL209-B4-5.5-6.5'	FL209-B5-1-2	FL209-B5-6-6.5	FL209-B5-8-9	FL209-B5-10.5-11.5	FL209-B5-13-14	FL209-B5-17.5-18.5	FL209-B5-22.5-23		
Sample Date	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	4.5	9.5	1.0	1.0	10	15.5	0.5	5.5	1.0	6.0	8.0	10.5	13	17.5	22.5		
Sample End Depth (feet bgs)	5.0	10.5	2.0	2.0	11	16	1.5	6.5	2.0	6.5	9.0	11.5	14	18.5	23		
NWTPH-HCID[3] (mg/kg)																	
Gasoline-range hydrocarbons	22 U	22 U	23 U	--	--	--	--	--	--	--	--	--	--	--	--	30/100[15]	N/A
Diesel-range hydrocarbons	55 U	56 U	57 U	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
Lube Oil-range Hydrocarbons	110 U	110 U	110 U	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
NWTPH-Gx[4] (mg/kg)																	
Gasoline-range hydrocarbons	--	--	--	--	10 U	5.8 U	**720**[19]	5.5 U	6.3 U	4.9 U	--	--	25 U	5.5 U	5.9 U	30/100[15]	N/A
NWTPH-Dx[5] (mg/kg)																	
Diesel-range hydrocarbons	--	--	--	--	**2,500**	28 U	**1,400**	**41**	27 U	**450**	**620**	**2,400**	**5,100**	**1,400**	26 U	2,000	N/A
Lube Oil-range Hydrocarbons	--	--	--	--	240 U	55 U	**1,600**	57 U	53 U	**540**	**250**	55 U	270 U	60 U	53 U	2,000	
Metals[6] (mg/kg)																	
Arsenic	--	--	--	11 U	--	--	**12**	--	11 U	11 U	--	--	11 U	11 U	11 U	20	7
Barium	--	--	--	--	--	--	**84**	--	--	**63**	--	--	**33**	**38**	**41**	16,000	NE
Cadmium	--	--	--	--	--	--	**14**	0.57 U	--	0.56 U	--	--	0.55 U	0.54 U	0.53 U	2	1
Chromium	--	--	--	--	--	--	**29**	--	--	**28**	--	--	**25**	**28**	**22**	2,000[16]	48
Chromium, Hexavalent	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19	NE
Lead	--	--	--	**22**	--	--	**520**	5.7 U	5.3 U	**15**	--	--	5.5 U	5.4 U	5.3 U	250	24
Mercury	--	--	--	--	--	--	0.26 U	--	--	**1.5**	--	--	0.27 U	0.27 U	0.26 U	2	0.07
Selenium	--	--	--	--	--	--	11 U	--	--	11 U	--	--	11 U	11 U	11 U	400	NE
Silver	--	--	--	--	--	--	1.1 U	--	--	1.1 U	--	--	1.1 U	1.1 U	1.1 U	400	NE
TCLP[7] (mg/L)																	
Lead	--	--	--	--	--	--	**0.31**	--	--	--	--	--	--	--	-	N/A	NE
BTEX[8] (mg/kg)																	
Benzene	--	--	--	--	--	--	--	--	0.020 U	--	--	--	--	--	-	0.03	N/A
Ethylbenzene	--	--	--	--	--	--	--	--	0.063 U	--	--	--	--	--	-	7	
Toluene	--	--	--	--	--	--	--	--	0.063 U	--	--	--	--	--	-	6	
Xylene, m-,p-	--	--	--	--	--	--	--	--	0.063 U	--	--	--	--	--	-	9	
Xylene, o-	--	--	--	--	--	--	--	--	0.063 U	--	--	--	--	--	-		
Total Xylenes[9]	--	--	--	--	--	--	--	--	0.063 U	--	--	--	--	--	-		
VOCs[10] (mg/kg)																	
1,1,1,2-Tetrachloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	38.5	N/A
1,1,1-Trichloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	2	
1,1,2,2-Tetrachloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	5	
1,1,2-Trichloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	17.5	
1,1-Dichloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	175	
1,1-Dichloroethene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	4,000	
1,1-Dichloropropene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
1,2,3-Trichlorobenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
1,2,3-Trichloropropane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.0333	
1,2,4-Trichlorobenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	34.5	
1,2,4-Trimethylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	**4.7**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.11**	**0.0013**	NE	
1,2-Dibromo-3-Chloropropane	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	1.25	
1,2-Dibromoethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	7,200	
1,2-Dichloroethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	11	
1,2-Dichloropropane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	27.8	
1,3,5-Trimethylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	**1.5**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.012**	0.0011 U	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	N/A
1,3-Dichloropropane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	185	
2,2-Dichloropropane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
2-Butanone (MEK)	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	48,000	
2-Chloroethyl vinyl ether	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	NE	
2-Chlorotoluene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	1,600	
2-Hexanone	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	NE	
4-Chlorotoluene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	6,400	
Acetone[11]	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	**0.027**	--	--	0.48 U	**0.031**	0.011 U	72,000	

Boring Identification	FL209-B1		FL209-B2	FL209-B3			FL209-B4		FL209-B5							MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B1-4.5-5'	FL209-B1-9.5-10.5'	FL209-B2-1-2'	FL209-B3-1-2'	FL209-B3-10-11'	FL209-B3-15.5-16'	FL209-B4-0.5-1.5'	FL209-B4-5.5-6.5'	FL209-B5-1-2	FL209-B5-6-6.5	FL209-B5-8-9	FL209-B5-10.5-11.5	FL209-B5-13-14	FL209-B5-17.5-18.5	FL209-B5-22.5-23		
Sample Date	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	4.5	9.5	1.0	1.0	10	15.5	0.5	5.5	1.0	6.0	8.0	10.5	13	17.5	22.5		
Sample End Depth (feet bgs)	5.0	10.5	2.0	2.0	11	16	1.5	6.5	2.0	6.5	9.0	11.5	14	18.5	23		
Benzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.03	
Bromobenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
Bromochloromethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
Bromodichloromethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	16.1	
Bromoform (Tribromomethane)	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	127	
Bromomethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	112	
Carbon Disulfide	--	0.0022 U	--	--	0.11 U	0.0023 U	0.11 U	0.0017 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	8,000	
Carbon Tetrachloride	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	14.3	
Chlorobenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	1,600	
Chloroethane	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	NE	
Chloroform	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	32.3	
Chloromethane	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	NE	
cis-1,2-Dichloroethene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	160	
cis-1,3-Dichloropropene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
Dibromochloromethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	11.9	N/A
Dibromomethane	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	800	
Dichlorodifluoromethane (CFC-12)	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	16,000	
Ethylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.38**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.0024**	0.0011 U	6	
Hexachlorobutadiene	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	12.8	
Isopropylbenzene (Cumene)	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.30**	0.0010 U	--	0.00083 U	--	--	**0.22**	**0.055**	0.0011 U	8,000	
Methyl Iodide (Iodomethane)	--	0.0082 U	--	--	0.39 U	0.0084 U	0.39 U	0.0064 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	NE	
Methyl t-butyl ether	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.1	
Methylene Chloride	--	0.010 U	--	--	0.48 U	0.010 U	0.50 U	0.010 U	--	0.0083 U	--	--	0.48 U	0.0089 U	0.011 U	0.02	
Naphthalene	--	0.0010 U	--	--	0.048 U	0.0010 U	**6.8**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.022**	**0.0026**	5	
n-Butylbenzene	--	0.0010 U	--	--	**0.065**	0.0010 U	**1.0**	0.0010 U	--	**0.0011**	--	--	**1.2**	**0.081**	0.0011 U	4,000	
n-Propylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.48**	0.0010 U	--	0.00083 U	--	--	**0.64**	**0.12**	0.0011 U	8,000	
p-Isopropyltoluene	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.80**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.043**	0.0011 U	NE	
Sec-Butylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.29**	0.0010 U	--	0.00083 U	--	--	**0.50**	**0.067**	0.0011 U	8,000	
Styrene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	16,000	
Tert-Butylbenzene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.0034**	0.0011 U	8,000	
Tetrachloroethene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.05	
Toluene	--	0.0050 U	--	--	0.24 U	0.0051 U	0.25 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	7	
Trans-1,2-Dichloroethene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	1,600	
Trans-1,3-Dichloropropene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	NE	
Trichloroethene	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	0.03	
Trichlorofluoromethane (CFC-11)	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	24,000	N/A
Vinyl Acetate	--	0.0071 U	--	--	0.34 U	0.0073 U	0.35 U	0.0050 U	--	0.0042 U	--	--	0.24 U	0.0044 U	0.0057 U	80,000	
Vinyl Chloride	--	0.0010 U	--	--	0.048 U	0.0010 U	0.050 U	0.0010 U	--	0.00083 U	--	--	0.048 U	0.00089 U	0.0011 U	240	
Xylene, m-,p-	--	0.0050 U	--	--	0.24 U	0.0051 U	**1.7**	0.0020 U	--	0.0017 U	--	--	0.096 U	**0.0060**	0.0023 U		
Xylene, o-	--	0.0010 U	--	--	0.048 U	0.0010 U	**0.94**	0.0010 U	--	0.00083 U	--	--	0.048 U	**0.0015**	0.0011 U	9	
Total Xylenes[9]	--	0.0050 U	--	--	0.24 U	0.0051 U	**2.64**	0.0020 U	--	0.0017 U	--	--	0.096 U	**0.0075**	0.0023 U		
PAHs[12] (mg/kg)																	
1-Methylnaphthalene	--	--	--	--	--	--	**19**	0.0076 U	--	**0.015**	**0.84**	**7.4**	**23**	**1.3**	0.0070 U		
2-Methylnaphthalene	--	--	--	--	--	--	**26**	0.0076 U	--	**0.040**	**0.68**	**7.9**	**30**	**1.1**	0.0070 U	5	
Naphthalene	--	--	--	--	--	--	**5.8**	0.0076 U	--	**0.015**	**0.082**	**0.36**	**0.76**	**0.092**	0.0070 U		
Total Naphthalenes[13]	--	--	--	--	--	--	**50.8**	0.0076 U	--	**0.070**	**1.602**	**15.66**	**53.76**	**2.492**	0.0070 U		
Acenaphthene	--	--	--	--	--	--	**3.0**	0.0076 U	--	0.0074 U	**0.12**	**0.80**	**2.0**	**0.18**	0.0070 U	4,800	
Acenaphthylene	--	--	--	--	--	--	**0.83**	0.0076 U	--	0.0074 U	**0.036**	**0.42**	**0.54**	**0.044**	0.0070 U	NE	
Anthracene	--	--	--	--	--	--	**1.9**	0.0076 U	--	**0.014**	**0.052**	**0.18**	**0.60**	**0.064**	0.0070 U	24,000	
Benzo(a)anthracene	--	--	--	--	--	--	**1.8**	0.0076 U	--	**0.014**	**0.017**	0.0073 U	**0.018**	0.0072 U	0.0070 U	See cPAHs	N/A
Benzo(a)pyrene	--	--	--	--	--	--	**0.37**	0.0076 U	--	**0.017**	**0.014**	0.0073 U	0.0073 U	0.0072 U	0.0070 U	See cPAHs	
Benzo(b)fluoranthene	--	--	--	--	--	--	**0.26**	0.0076 U	--	**0.018**	**0.014**	0.0073 U	0.0073 U	0.0072 U	0.0070 U	See cPAHs	
Benzo(g,h,i)perylene	--	--	--	--	--	--	**0.35**	0.0076 U	--	**0.020**	**0.013**	0.0073 U	0.0073 U	0.0072 U	0.0070 U	NE	
Benzo(j,k)fluoranthene	--	--	--	--	--	--	0.14 U	0.0076 U	--	0.0074 U	0.0075 U	0.0073 U	0.0073 U	0.0072 U	0.0070 U	See cPAHs	
Chrysene	--	--	--	--	--	--	**3.0**	0.0076 U	--	**0.032**	**0.039**	**0.023**	**0.040**	0.0072 U	0.0070 U	See cPAHs	
Dibenzo(a,h)anthracene	--	--	--	--	--	--	0.14 U	0.0076 U	--	0.0074 U	0.0075 U	0.0073 U	0.0073 U	0.0072 U	0.0070 U	See cPAHs	
Fluoranthene	--	--	--	--	--	--	**0.89**	0.0076 U	--	**0.017**	**0.023**	**0.025**	0.15 U	0.0072 U	0.0070 U	3,200	
Fluorene	--	--	--	--	--	--	**5.6**	0.0076 U	--	**0.012**	**0.23**	**2.2**	**3.4**	**0.36**	0.0070 U	3,200	

Boring Identification	FL209-B1		FL209-B2	FL209-B3			FL209-B4		FL209-B5							MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B1-4.5-5'	FL209-B1-9.5-10.5'	FL209-B2-1-2'	FL209-B3-1-2'	FL209-B3-10-11'	FL209-B3-15.5-16'	FL209-B4-0.5-1.5'	FL209-B4-5.5-6.5'	FL209-B5-1-2	FL209-B5-6-6.5	FL209-B5-8-9	FL209-B5-10.5-11.5	FL209-B5-13-14	FL209-B5-17.5-18.5	FL209-B5-22.5-23		
Sample Date	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/20/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	4.5	9.5	1.0	1.0	10	15.5	0.5	5.5	1.0	6.0	8.0	10.5	13	17.5	22.5		
Sample End Depth (feet bgs)	5.0	10.5	2.0	2.0	11	16	1.5	6.5	2.0	6.5	9.0	11.5	14	18.5	23		
Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	0.14 U	0.0076 U	--	**0.014**	**0.0090**	0.0073 U	0.0073 U	0.0072 U	0.0070 U	See cPAHs	
Phenanthrene	--	--	--	--	--	--	**16**	0.0076 U	--	**0.039**	**0.36**	**4.2**	**6.5**	**0.72**	**0.024**	NE	N/A
Pyrene	--	--	--	--	--	--	**4.0**	0.0076 U	--	**0.046**	**0.083**	**0.058**	**0.36**	**0.027**	0.0070 U	2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concer	--	--	--	--	--	--	**0.627**	0.0057 U	--	**0.0227**	**0.0191**	**0.0057**	**0.0073**	0.0054 U	0.0053 U	0.1	

Notes:

[1] Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.

[2] Sample ID = Parcel ID - boring number - depth of sample [feet bgs]. FL209-B1-4.5-5' = Boring 1 from Parcel FL209, collected from a depth of 4.5 to 5 feet bgs.

[3] Petroleum Hydrocarbon Identification by Northwest Method NWTPH-HCID.

[4] Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.

[5] Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.

[6] Resource Conservation Recovery Act (RCRA) metals analyzed by EPA 6000/7000 series method.

[7] Toxicity Characteristic Leaching Procedure (TCLP) metals analyzed by EPA Method 1311.

[8] Benzene, toluene, ethylbenzene, xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B.

[9] Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.

[10] Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.

[11] Acetone is a common laboratory contaminant.

[12] Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.

[13] Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.

[14] MTCA Method B cleanup level used when Method A cleanup level has not been established.

[15] Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 30 mg/kg if benzene is detected or if the sum of toluene, ethylbenzene and xylenes are greater than or equal to 1% of the total gasoline detection.

[16] MTCA Method A cleanup level for Trivalent Chromium.

[17] Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

[18] 90th Percentile for natural background soil metals concentrations in Puget Sound region, Department of Ecology, publication #94-115, dated October 1994.

[19] Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

"--" = not tested

bgs = below ground surface

mg/kg = milligrams per kilogram

NE = not established

MTCA = Model Toxics Control Act

N/A = not applicable

U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

Table 1

Summary of Soil Chemical Analytical Results[1]
Sound Transit - Federal Way Link Extension FL209
Kent, Washington

Boring Identification	FL209-B6				FL209-B7							FL209-B8						MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B6-0.5-1.5'	FL209-B6-10-11'	FL209-B6-20.5-21'	FL209-B6-27.5-28'	FL209-B7-1-2	FL209-B7-5.5-6.5	FL209-B7-8-9	FL209-B7-10.5-11.5	FL209-B7-12.5-13.5	FL209-B7-15-16	FL209-B7-20-20.5	FL209-B8-1-2	FL209-B8-6-6.5	FL209-B8-8-9	FL209-B8-10-11	FL209-B8-15-16	FL209-B8-20-21		
Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	0.5	10	20.5	27.5	1.0	5.5	8.0	10.5	12.5	15	20	1.0	6.0	8.0	10	15	20		
Sample End Depth (feet bgs)	1.5	11	21	28	2.0	6.5	9.0	11.5	13.5	16	20.5	2.0	6.5	9.0	11	16	21		
NWTPH-HCID[3] (mg/kg)																			
Gasoline-range hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30/100[15]	N/A
Diesel-range hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
Lube Oil-range Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
NWTPH-Gx[4] (mg/kg)																			
Gasoline-range hydrocarbons	--	9.6 U	12 U	5.4 U	5.6 U	12 U	--	26 U	9.7 U	11 U	--	5.3 U	9.7 U	--	10 U	24 U	28 U	30/100[15]	N/A
NWTPH-Dx[5] (mg/kg)																			
Diesel-range hydrocarbons	--	**1,500**	**370**	27 U	26 U	**1,400**	**960**	**5,900**	**69**	**180**	27 U	27 U	**890**	--	**1,700**	**2,800**	**9,300**	2,000	N/A
Lube Oil-range Hydrocarbons	--	**610**	54 U	55 U	53 U	**730**	**380**	**1,200**	54 U	**82**	55 U	54 U	**370**	--	54 U	55 U	270 U	2,000	
Metals[6] (mg/kg)																			
Arsenic	11 U	11 U	11 U	--	11 U	11 U	--	11 U	11 U	--	--	--	11 U	--	11 U	11 U	11 U	20	7
Barium	--	**55**	**36**	--	--	**65**	--	**60**	**32**	--	--	--	**59**	--	**31**	**39**	**52**	16,000	NE
Cadmium	--	0.57 U	0.54 U	--	--	0.56 U	--	0.56 U	0.54 U	--	--	--	0.57 U	--	0.54 U	0.55 U	0.55 U	2	1
Chromium	--	**27**	**30**	--	--	**32**	--	**24**	**26**	--	--	--	**25**	--	**21**	**18**	**24**	2,000[16]	48
Chromium, Hexavalent	--	--	1.1 U	--	--	1.1 U	--	--	--	--	--	--	--	--	--	--	--	19	NE
Lead	5.4 U	**10**	5.4 U	--	5.3 U	**15**	--	5.6 U	5.4 U	--	--	--	**12**	--	5.4 U	5.5 U	5.5 U	250	24
Mercury	--	**1.5**	0.27 U	--	0.26 U	**2.5**	**1.4**	0.28 U	0.27 U	--	--	0.27 U	**2.8**	0.27 U	0.27 U	0.27 U	0.27 U	2	0.07
Selenium	--	1.1 U	1.1 U	--	--	1.1 U	--	1.1 U	1.1 U	--	--	--	1.1 U	--	1.1 U	1.1 U	1.1 U	400	NE
Silver	--	1.1 U	1.1 U	--	--	1.1 U	--	1.1 U	1.1 U	--	--	--	1.1 U	--	1.1 U	1.1 U	1.1 U	400	NE
TCLP[7] (mg/L)																			
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N/A	NE
BTEX[8] (mg/kg)																			
Benzene	--	--	--	--	0.020 U	0.024 U	--	--	0.020 U	0.022 U	--	0.020 U	0.020 U	--	0.020 U	--	--	0.03	N/A
Ethylbenzene	--	--	--	--	0.056 U	0.12 U	--	--	0.097 U	0.11 U	--	0.053 U	0.097 U	--	**0.11**	--	--	7	
Toluene	--	--	--	--	0.056 U	0.12 U	--	--	0.097 U	0.11 U	--	0.053 U	0.097 U	--	0.10 U	--	--	6	
Xylene, m-,p-	--	--	--	--	0.056 U	0.12 U	--	--	0.097 U	0.11 U	--	0.053 U	0.097 U	--	**0.11**	--	--	9	
Xylene, o-	--	--	--	--	0.056 U	0.12 U	--	--	0.097 U	0.11 U	--	0.053 U	0.097 U	--	0.10 U	--	--		
Total Xylenes[9]	--	--	--	--	0.056 U	0.12 U	--	--	0.097 U	0.11 U	--	0.053 U	0.097 U	--	**0.11**	--	--		
VOCs[10] (mg/kg)																			
1,1,1,2-Tetrachloroethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	38.5	N/A
1,1,1-Trichloroethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	2	
1,1,2,2-Tetrachloroethane	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	5	
1,1,2-Trichloroethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	17.5	
1,1-Dichloroethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	175	
1,1-Dichloroethene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	4,000	
1,1-Dichloropropene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
1,2,3-Trichlorobenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
1,2,3-Trichloropropane	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.0333	
1,2,4-Trichlorobenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	34.5	
1,2,4-Trimethylbenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	**0.17**	--	0.00095 U	--	--	--	--	--	**0.071**	**5.1**	NE	
1,2-Dibromo-3-Chloropropane	--	0.28 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	1.25	
1,2-Dibromoethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	7,200	
1,2-Dichloroethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	11	
1,2-Dichloropropane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	27.8	
1,3,5-Trimethylbenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	**0.098**	--	0.00095 U	--	--	--	--	--	**0.57**	**0.88**	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	N/A
1,3-Dichloropropane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	185	
2,2-Dichloropropane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
2-Butanone (MEK)	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	48,000	
2-Chloroethyl vinyl ether	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	NE	
2-Chlorotoluene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	1,600	
2-Hexanone	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	**3.0**	0.27 U	NE	
4-Chlorotoluene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	6,400	
Acetone[11]	--	**0.058**	**0.022**	0.0060 U	--	--	--	0.49 U	--	**0.035**	--	--	--	--	--	0.51 U	0.53 U	72,000	

Boring Identification	FL209-B6				FL209-B7							FL209-B8						MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B6-0.5-1.5'	FL209-B6-10-11'	FL209-B6-20.5-21'	FL209-B6-27.5-28'	FL209-B7-1-2	FL209-B7-5.5-6.5	FL209-B7-8-9	FL209-B7-10.5-11.5	FL209-B7-12.5-13.5	FL209-B7-15-16	FL209-B7-20-20.5	FL209-B8-1-2	FL209-B8-6-6.5	FL209-B8-8-9	FL209-B8-10-11	FL209-B8-15-16	FL209-B8-20-21		
Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	0.5	10	20.5	27.5	1.0	5.5	8.0	10.5	12.5	15	20	1.0	6.0	8.0	10	15	20		
Sample End Depth (feet bgs)	1.5	11	21	28	2.0	6.5	9.0	11.5	13.5	16	20.5	2.0	6.5	9.0	11	16	21		
Benzene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.03	
Bromobenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
Bromochloromethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
Bromodichloromethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	16.1	
Bromoform (Tribromomethane)	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	127	
Bromomethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	112	
Carbon Disulfide	--	0.0018 U	0.0018 U	0.0020 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	8,000	
Carbon Tetrachloride	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	14.3	
Chlorobenzene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	1,600	
Chloroethane	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	NE	
Chloroform	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	32.3	
Chloromethane	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	NE	
cis-1,2-Dichloroethene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	160	
cis-1,3-Dichloropropene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
Dibromochloromethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	11.9	N/A
Dibromomethane	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	800	
Dichlorodifluoromethane (CFC-12)	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.0016 U	--	--	--	--	--	0.051 U	0.053 U	16,000	
Ethylbenzene	--	**0.0015**	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	**0.076**	**0.89**	6	
Hexachlorobutadiene	--	0.28 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	12.8	
Isopropylbenzene (Cumene)	--	**0.013**	0.00086 U	0.0012 U	--	--	--	**0.091**	--	0.00095 U	--	--	--	--	--	**0.25**	**0.92**	8,000	
Methyl Iodide (Iodomethane)	--	0.0066 U	0.0067 U	0.0077 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	NE	
Methyl t-butyl ether	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.1	
Methylene Chloride	--	0.0084 U	0.0086 U	0.012 U	--	--	--	0.49 U	--	0.0095 U	--	--	--	--	--	0.51 U	0.53 U	0.02	
Naphthalene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	**2.0**	5	
n-Butylbenzene	--	**0.12**	0.00086 U	0.0012 U	--	--	--	**0.36**	--	0.00095 U	--	--	--	--	--	**1.2**	**2.1**	4,000	
n-Propylbenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	**0.17**	--	0.00095 U	--	--	--	--	--	**0.34**	**1.5**	8,000	
p-Isopropyltoluene	--	**0.064**	0.00086 U	0.0012 U	--	--	--	**0.16**	--	0.00095 U	--	--	--	--	--	**0.51**	**0.86**	NE	
Sec-Butylbenzene	--	**0.055**	0.00086 U	0.0012 U	--	--	--	**0.22**	--	0.00095 U	--	--	--	--	--	**1.2**	**1.6**	8,000	
Styrene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	16,000	
Tert-Butylbenzene	--	0.055 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	**0.058**	0.053 U	8,000	
Tetrachloroethene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.05	
Toluene	--	0.0042 U	0.0043 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	7	
Trans-1,2-Dichloroethene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	1,600	
Trans-1,3-Dichloropropene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	NE	
Trichloroethene	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	0.03	
Trichlorofluoromethane (CFC-11)	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	24,000	N/A
Vinyl Acetate	--	0.0059 U	0.0060 U	0.0060 U	--	--	--	0.25 U	--	0.0047 U	--	--	--	--	--	0.25 U	0.27 U	80,000	
Vinyl Chloride	--	0.00084 U	0.00086 U	0.0012 U	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U	240	
Xylene, m-,p-	--	**0.0039**	**0.0026**	**0.0026**	--	--	--	0.098 U	--	0.0019 U	--	--	--	--	--	0.10 U	**0.47**	9	
Xylene, o-	--	**0.0022**	**0.0020**	**0.0019**	--	--	--	0.049 U	--	0.00095 U	--	--	--	--	--	0.051 U	0.053 U		
Total Xylenes[9]	--	**0.0061**	**0.0046**	**0.0045**	--	--	--	0.098 U	--	0.0019 U	--	--	--	--	--	0.10 U	**0.47**		
PAHs[12] (mg/kg)																			
1-Methylnaphthalene	--	**0.34**	**0.077**	--	--	--	--	**4.9**	**0.11**	**0.12**	--	--	**0.031**	--	**0.28**	**1.3**	**9.6**	5	
2-Methylnaphthalene	--	**0.24**	**0.051**	--	--	--	--	**2.9**	**0.089**	**0.092**	--	--	**0.085**	--	**0.022**	**1.9**	**17**		
Naphthalene	--	**0.033**	**0.019**	--	--	--	--	**0.40**	0.0072 U	**0.0081**	--	--	**0.037**	--	**0.18**	**0.33**	**4.9**		
Total Naphthalenes[13]	--	**0.613**	**0.147**	--	--	--	--	**8.2**	**0.199**	**0.2201**	--	--	**0.153**	--	**0.482**	**3.53**	**31.5**		
Acenaphthene	--	**0.054**	**0.039**	--	--	--	--	**0.86**	**0.015**	**0.022**	--	--	**0.0088**	--	**0.25**	**0.35**	**2.0**	4,800	
Acenaphthylene	--	**0.016**	**0.0078**	--	--	--	--	**0.29**	0.0072 U	0.0071 U	--	--	0.0075 U	--	**0.094**	**0.063**	**0.29**	NE	
Anthracene	--	**0.013**	**0.011**	--	--	--	--	**0.26**	**0.0083**	**0.012**	--	--	**0.017**	--	**0.090**	**0.077**	**0.52**	24,000	
Benzo(a)anthracene	--	0.0076 U	0.0072 U	--	--	--	--	**0.12**	0.0072 U	0.0071 U	--	--	**0.042**	--	0.0072 U	0.0073 U	0.015 U	See cPAHs	N/A
Benzo(a)pyrene	--	0.0076 U	0.0072 U	--	--	--	--	**0.027**	0.0072 U	0.0071 U	--	--	**0.040**	--	0.0072 U	0.0073 U	0.0073 U	See cPAHs	
Benzo(b)fluoranthene	--	0.0076 U	0.0072 U	--	--	--	--	**0.025**	0.0072 U	0.0071 U	--	--	**0.048**	--	0.0072 U	0.0073 U	0.0073 U	See cPAHs	
Benzo(g,h,i)perylene	--	0.0076 U	0.0072 U	--	--	--	--	**0.021**	0.0072 U	0.0071 U	--	--	**0.030**	--	0.0072 U	0.0073 U	0.0073 U	NE	
Benzo(j,k)fluoranthene	--	0.0076 U	0.0072 U	--	--	--	--	0.0075 U	0.0072 U	0.0071 U	--	--	**0.016**	--	0.0072 U	0.0073 U	0.0073 U	See cPAHs	
Chrysene	--	**0.014**	0.0072 U	--	--	--	--	**0.19**	0.0072 U	**0.0076**	--	--	**0.049**	--	0.0072 U	0.0073 U	0.012 U	See cPAHs	
Dibenzo(a,h)anthracene	--	0.0076 U	0.0072 U	--	--	--	--	0.0075 U	0.0072 U	0.0071 U	--	--	0.0075 U	--	0.0072 U	0.0073 U	0.0073 U	See cPAHs	
Fluoranthene	--	**0.013**	0.0072 U	--	--	--	--	**0.085**	0.0072 U	0.0071 U	--	--	**0.055**	--	**0.010**	**0.0094**	0.15 U	3,200	
Fluorene	--	**0.10**	**0.098**	--	--	--	--	**1.4**	**0.032**	**0.057**	--	--	**0.023**	--	**0.82**	**0.73**	**4.4**	3,200	

Boring Identification	FL209-B6				FL209-B7							FL209-B8						MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B6-0.5-1.5'	FL209-B6-10-11'	FL209-B6-20.5-21'	FL209-B6-27.5-28'	FL209-B7-1-2	FL209-B7-5.5-6.5	FL209-B7-8-9	FL209-B7-10.5-11.5	FL209-B7-12.5-13.5	FL209-B7-15-16	FL209-B7-20-20.5	FL209-B8-1-2	FL209-B8-6-6.5	FL209-B8-8-9	FL209-B8-10-11	FL209-B8-15-16	FL209-B8-20-21		
Sample Date	6/21/2017	6/21/2017	6/21/2017	6/21/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017	7/6/2017		
Sample Start Depth (feet bgs)	0.5	10	20.5	27.5	1.0	5.5	8.0	10.5	12.5	15	20	1.0	6.0	8.0	10	15	20		
Sample End Depth (feet bgs)	1.5	11	21	28	2.0	6.5	9.0	11.5	13.5	16	20.5	2.0	6.5	9.0	11	16	21		
Indeno(1,2,3-c,d)pyrene	--	0.0076 U	0.0072 U	--	--	--	--	**0.011**	0.0072 U	0.0071 U	--	--	**0.029**	--	0.0072 U	0.0073 U	0.0073 U	See cPAHs	
Phenanthrene	--	**0.20**	**0.13**	--	--	--	--	**2.2**	**0.070**	**0.098**	--	--	**0.059**	--	**0.79**	**0.67**	**3.9**	NE	N/A
Pyrene	--	**0.031**	**0.011**	--	--	--	--	**0.35**	**0.0081**	**0.012**	--	--	**0.069**	--	**0.069**	**0.066**	**0.48**	2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concer	--	**0.0058**	0.0054 U	--	--	--	--	**0.0453**	0.0054 U	**0.0054**	--	--	**0.0544**	--	0.0054 U	0.0055 U	0.0059 U	0.1	

Notes:

[1] Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.

[2] Sample ID = Parcel ID - boring number - depth of sample [feet bgs]. FL209-B1-4.5-5' = Boring 1 from Parcel FL209, collected from a depth of 4.5 to 5 feet bgs.

[3] Petroleum Hydrocarbon Identification by Northwest Method NWTPH-HCID.

[4] Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.

[5] Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.

[6] Resource Conservation Recovery Act (RCRA) metals analyzed by EPA 6000/7000 series method.

[7] Toxicity Characteristic Leaching Procedure (TCLP) metals analyzed by EPA Method 1311.

[8] Benzene, toluene, ethylbenzene, xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B.

[9] Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.

[10] Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.

[11] Acetone is a common laboratory contaminant.

[12] Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.

[13] Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.

[14] MTCA Method B cleanup level used when Method A cleanup level has not been established.

[15] Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 30 mg/kg if benzene is detected or if the sum of toluene, ethylbenzene and xylenes are greater than or equal to 1% of the total gasoline detection.

[16] MTCA Method A cleanup level for Trivalent Chromium.

[17] Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

[18] 90th Percentile for natural background soil metals concentrations in Puget Sound region, Department of Ecology, publication #94-115, dated October 1994.

[19] Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

"--" = not tested

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act

U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

Table 1

Summary of Soil Chemical Analytical Results[1]
Sound Transit - Federal Way Link Extension FL209
Kent, Washington

Boring Identification	FL209-B8 (continued)			FL209-B9		FL209-B10				FL209-B11			FL209-B12			MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B8-22.5-23	FL209-B8-27.5-28	FL209-B8-30-30.5	FL209-B9-1-2	FL209-B9-5.5-6.5	FL209-B10-1-2	FL209-B10-5.5-6.5	FL209-B10-10-10.5	FL209-B10-25-26	FL209-B11-1-2	FL209-B11-3-4	FL209-B11-6-6.5	FL209-B12-1-2	FL209-B12-3.5-4	FL209-B12-5.5-6.5		
Sample Date	7/6/2017	7/7/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017	7/20/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017		
Sample Start Depth (feet bgs)	22.5	27.5	30	1.0	5.5	1.0	5.5	10	25	1.0	3.0	6.0	1.0	3.5	5.5		
Sample End Depth (feet bgs)	23	28	30.5	2.0	6.5	2.0	6.5	10.5	26	2.0	4.0	6.5	2.0	4.0	6.5		
NWTPH-HCID[3] (mg/kg)																	
Gasoline-range hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30/100[15]	N/A
Diesel-range hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
Lube Oil-range Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,000	
NWTPH-Gx[4] (mg/kg)																	
Gasoline-range hydrocarbons	8.9 U	10 U	4.7 U	5.0 U	6.0 U	--	5.0 U	5.4 U	4.8 U	12 U	13 U	4.7 U	10 U	12 U	10 U	30/100[15]	N/A
NWTPH-Dx[5] (mg/kg)																	
Diesel-range hydrocarbons	**1,400**	**170**	27 U	27 U	32 U	--	28 U	27 U	28 U	**550**	**8,400**	28 U	**320**	**1,200**	27 U	2,000	N/A
Lube Oil-range Hydrocarbons	170 U	75 U	54 U	**96**	63 U	--	55 U	54 U	55 U	**350**	540 U	56 U	50 U	**330**	54 U	2,000	
Metals[6] (mg/kg)																	
Arsenic	--	--	--	11 U	--	5.3 U	--	--	--	5.4 U	13 U	--	5.3 U	--	--	20	7
Barium	--	--	--	--	--	--	--	--	--	--	**100**	--	**69**	--	--	16,000	NE
Cadmium	--	--	--	--	--	--	--	--	--	--	0.63 U	--	0.53 U	--	--	2	1
Chromium	--	--	--	--	--	--	--	--	--	--	**53**	--	**35**	--	--	2,000[16]	48
Chromium, Hexavalent	--	--	--	--	--	--	--	--	--	--	1.3 U	--	--	--	--	19	NE
Lead	--	--	--	5.4 U	--	**9.2**	--	--	--	**5.8**	6.3 U	--	5.3 U	--	--	250	24
Mercury	--	--	--	--	--	--	--	--	--	--	0.31 U	--	0.27 U	--	--	2	0.07
Selenium	--	--	--	--	--	--	--	--	--	--	13 U	--	11 U	--	--	400	NE
Silver	--	--	--	--	--	--	--	--	--	--	1.3 U	--	1.1 U	--	--	400	NE
TCLP[7] (mg/L)																	
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N/A	NE
BTEX[8] (mg/kg)																	
Benzene	0.020 U	0.021 U	0.020 U	0.020 U	0.020 U	--	--	--	--	0.024 U	--	0.020 U	--	--	--	0.03	N/A
Ethylbenzene	0.089 U	0.10 U	0.047 U	0.050 U	0.060 U	--	--	--	--	0.12 U	--	0.047 U	--	--	--	7	
Toluene	0.089 U	0.10 U	0.047 U	0.050 U	0.060 U	--	--	--	--	0.12 U	--	0.047 U	--	--	--	6	
Xylene, m-,p-	0.089 U	0.10 U	0.047 U	0.050 U	0.060 U	--	--	--	--	0.12 U	--	0.047 U	--	--	--	9	
Xylene, o-	0.089 U	0.10 U	0.047 U	0.050 U	0.060 U	--	--	--	--	0.12 U	--	0.047 U	--	--	--		
Total Xylenes[9]	0.089 U	0.10 U	0.047 U	0.050 U	0.060 U	--	--	--	--	0.12 U	--	0.047 U	--	--	--		
VOCs[10] (mg/kg)																	
1,1,1,2-Tetrachloroethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	38.5	N/A
1,1,1-Trichloroethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	2	
1,1,2,2-Tetrachloroethane	--	0.0013 U	--	0.0014 U	--	--	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.075 U	0.0010 U	0.0014 U	0.0014 U	0.0012 U	5	
1,1,2-Trichloroethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	17.5	
1,1-Dichloroethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	175	
1,1-Dichloroethene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	4,000	
1,1-Dichloropropene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
1,2,3-Trichlorobenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
1,2,3-Trichloropropane	--	0.0013 U	--	0.0014 U	--	--	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.075 U	0.0010 U	0.0014 U	0.0014 U	0.0012 U	0.0333	
1,2,4-Trichlorobenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	34.5	
1,2,4-Trimethylbenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.023**	**3.8**	0.00078 U	**0.022**	0.0011 U	0.00092 U	NE	
1,2-Dibromo-3-Chloropropane	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	1.25	
1,2-Dibromoethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	0.005	
1,2-Dichlorobenzene (o-Dichlorobenzene)	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	7,200	
1,2-Dichloroethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	11	
1,2-Dichloropropane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	27.8	
1,3,5-Trimethylbenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	**0.79**	0.00078 U	**0.0074**	0.0011 U	0.00092 U	800	
1,3-Dichlorobenzene (m-Dichlorobenzene)	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	N/A
1,3-Dichloropropane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
1,4-Dichlorobenzene (p-Dichlorobenzene)	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	185	
2,2-Dichloropropane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
2-Butanone (MEK)	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	**0.0063**	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	48,000	
2-Chloroethyl vinyl ether	--	0.0064 U	--	0.0069 U	--	--	0.0060 U	0.0060 U	0.0055 U	0.0059 U	0.38 U	0.0051 U	0.0053 U	0.0054 U	0.0046 U	NE	
2-Chlorotoluene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	1,600	
2-Hexanone	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	NE	
4-Chlorotoluene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
4-Methyl-2-Pentanone (Methyl isobutyl ketone)	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	6,400	
Acetone[11]	--	**0.012**	--	0.011 U	--	--	0.0095 U	0.0095 U	0.0087 U	**0.050**	0.75 U	**0.010**	**0.036**	0.011 U	0.0092 U	72,000	

Boring Identification	FL209-B8 (continued)			FL209-B9		FL209-B10				FL209-B11			FL209-B12			MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B8-22.5-23	FL209-B8-27.5-28	FL209-B8-30-30.5	FL209-B9-1-2	FL209-B9-5.5-6.5	FL209-B10-1-2	FL209-B10-5.5-6.5	FL209-B10-10-10.5	FL209-B10-25-26	FL209-B11-1-2	FL209-B11-3-4	FL209-B11-6-6.5	FL209-B12-1-2	FL209-B12-3.5-4	FL209-B12-5.5-6.5		
Sample Date	7/6/2017	7/7/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017	7/20/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017		
Sample Start Depth (feet bgs)	22.5	27.5	30	1.0	5.5	1.0	5.5	10	25	1.0	3.0	6.0	1.0	3.5	5.5		
Sample End Depth (feet bgs)	23	28	30.5	2.0	6.5	2.0	6.5	10.5	26	2.0	4.0	6.5	2.0	4.0	6.5		
Benzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	0.03	
Bromobenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
Bromochloromethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
Bromodichloromethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	16.1	
Bromoform (Tribromomethane)	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	127	
Bromomethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	112	
Carbon Disulfide	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	8,000	
Carbon Tetrachloride	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	14.3	
Chlorobenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	1,600	
Chloroethane	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	NE	
Chloroform	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	32.3	
Chloromethane	--	0.0062 U	--	0.0067 U	--	--	0.0064 U	0.0064 U	0.0058 U	0.0057 U	0.38 U	0.0049 U	0.0053 U	0.0054 U	0.0046 U	NE	
cis-1,2-Dichloroethene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	160	
cis-1,3-Dichloropropene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
Dibromochloromethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	11.9	N/A
Dibromomethane	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	800	
Dichlorodifluoromethane (CFC-12)	--	0.0020 U	--	0.0021 U	--	--	0.0016 U	0.0016 U	0.0015 U	0.0018 U	0.098 U	0.0016 U	0.0011 U	0.0011 U	0.00092 U	16,000	
Ethylbenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.0011**	**0.11**	0.00078 U	0.0011 U	0.0011 U	0.00092 U	6	
Hexachlorobutadiene	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	12.8	
Isopropylbenzene (Cumene)	--	**0.0012**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	**0.0020**	0.0011 U	0.00092 U	8,000	
Methyl Iodide (Iodomethane)	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	NE	
Methyl t-butyl ether	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	0.1	
Methylene Chloride	--	0.016 U	--	0.017 U	--	--	0.0095 U	0.0095 U	0.0087 U	0.015 U	0.75 U	0.012 U	0.011 U	0.011 U	0.0092 U	0.02	
Naphthalene	--	**0.0053**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	5	
n-Butylbenzene	--	**0.0054**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.0039**	**0.39**	0.00078 U	**0.021**	0.0011 U	0.00092 U	4,000	
n-Propylbenzene	--	**0.0016**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.0022**	**0.29**	0.00078 U	**0.0059**	0.0011 U	0.00092 U	8,000	
p-Isopropyltoluene	--	**0.0017**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.0019**	**0.16**	0.00078 U	**0.012**	0.0011 U	0.00092 U	NE	
Sec-Butylbenzene	--	**0.0042**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	**0.0012**	**0.11**	0.00078 U	**0.011**	0.0011 U	0.00092 U	8,000	
Styrene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	16,000	
Tert-Butylbenzene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	8,000	
Tetrachloroethene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	**0.0026**	0.00092 U	0.05	
Toluene	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	7	
Trans-1,2-Dichloroethene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	1,600	
Trans-1,3-Dichloropropene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	NE	
Trichloroethene	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	0.03	
Trichlorofluoromethane (CFC-11)	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	24,000	N/A
Vinyl Acetate	--	0.0049 U	--	0.0053 U	--	--	0.0048 U	0.0048 U	0.0044 U	0.0045 U	0.38 U	0.0039 U	0.0053 U	0.0054 U	0.0046 U	80,000	
Vinyl Chloride	--	0.00098 U	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	240	
Xylene, m-,p-	--	0.0020 U	--	0.0021 U	--	--	0.0019 U	0.0019 U	0.0017 U	**0.0022**	**0.20**	0.0016 U	0.0021 U	0.0021 U	0.0018 U		
Xylene, o-	--	**0.0016**	--	0.0011 U	--	--	0.00095 U	0.00095 U	0.00087 U	0.00091 U	0.075 U	0.00078 U	0.0011 U	0.0011 U	0.00092 U	9	
Total Xylenes[9]	--	**0.0016**	--	0.0021 U	--	--	0.0019 U	0.0019 U	0.0017 U	**0.0022**	**0.20**	0.0016 U	0.0021 U	0.0021 U	0.0018 U		
PAHs[12] (mg/kg)																	
1-Methylnaphthalene	**0.83**	**0.031**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.018**	**13**	0.0075 U	**0.28**	**0.068**	0.0072 U		
2-Methylnaphthalene	**1.4**	**0.10**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.022**	**19**	0.0075 U	**0.19**	**0.065**	**0.0073**	5	
Naphthalene	**0.36**	**0.017**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0082**	**0.39**	0.0075 U	**0.020**	**0.011**	0.0072 U		
Total Naphthalenes[13]	**2.59**	**0.148**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0482**	**32.39**	0.0075 U	**0.49**	**0.144**	**0.0073**		
Acenaphthene	**0.24**	**0.021**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.019**	**1.4**	0.0075 U	**0.071**	0.0080 U	0.0072 U	4,800	
Acenaphthylene	**0.041**	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0086**	**0.29**	0.0075 U	**0.021**	**0.027**	0.0072 U	NE	
Anthracene	**0.044**	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.018**	**0.22**	0.0075 U	**0.027**	**0.0086**	0.0072 U	24,000	
Benzo(a)anthracene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0088**	0.0084 U	0.0075 U	0.0071 U	**0.013**	0.0072 U	See cPAHs	
Benzo(a)pyrene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0094**	0.0084 U	0.0075 U	0.0071 U	0.0080 U	0.0072 U	See cPAHs	N/A
Benzo(b)fluoranthene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.016**	0.0084 U	0.0075 U	0.0071 U	0.0080 U	0.0072 U	See cPAHs	
Benzo(g,h,i)perylene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.010**	0.0084 U	0.0075 U	0.0071 U	**0.016**	0.0072 U	NE	
Benzo(j,k)fluoranthene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	0.0072 U	0.0084 U	0.0075 U	0.0071 U	0.0080 U	0.0072 U	See cPAHs	
Chrysene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.018**	**0.019**	0.0075 U	0.0071 U	**0.010**	0.0072 U	See cPAHs	
Dibenzo(a,h)anthracene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	0.0072 U	0.0084 U	0.0075 U	0.0071 U	0.0080 U	0.0072 U	See cPAHs	
Fluoranthene	**0.0079**	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.024**	**0.0095**	0.0075 U	**0.0088**	0.0080 U	0.0072 U	3,200	
Fluorene	**0.47**	**0.057**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.047**	**2.6**	0.0075 U	**0.15**	**0.017**	0.0072 U	3,200	

Boring Identification	FL209-B8 (continued)			FL209-B9		FL209-B10				FL209-B11			FL209-B12			MTCA Method A/B Cleanup Level[14]	Naturally Occurring Background Metals in Puget Sound Soils[18]
Sample Identification[2]	FL209-B8-22.5-23	FL209-B8-27.5-28	FL209-B8-30-30.5	FL209-B9-1-2	FL209-B9-5.5-6.5	FL209-B10-1-2	FL209-B10-5.5-6.5	FL209-B10-10-10.5	FL209-B10-25-26	FL209-B11-1-2	FL209-B11-3-4	FL209-B11-6-6.5	FL209-B12-1-2	FL209-B12-3.5-4	FL209-B12-5.5-6.5		
Sample Date	7/6/2017	7/7/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017	7/20/2017	7/7/2017	7/7/2017	7/7/2017	7/20/2017	7/20/2017	7/20/2017		
Sample Start Depth (feet bgs)	22.5	27.5	30	1.0	5.5	1.0	5.5	10	25	1.0	3.0	6.0	1.0	3.5	5.5		
Sample End Depth (feet bgs)	23	28	30.5	2.0	6.5	2.0	6.5	10.5	26	2.0	4.0	6.5	2.0	4.0	6.5		
Indeno(1,2,3-c,d)pyrene	0.0072 U	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.0086**	0.0084 U	0.0075 U	0.0071 U	**0.018**	0.0072 U	See cPAHs	N/A
Phenanthrene	**0.45**	**0.060**	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.10**	**5.9**	0.0075 U	**0.41**	**0.036**	0.0072 U	NE	
Pyrene	**0.048**	0.0071 U	0.0072 U	0.0072 U	0.0084 U	--	--	--	--	**0.045**	**0.19**	0.0075 U	**0.033**	0.0080 U	0.0072 U	2,400	
cPAHs (benzo(a)pyrene toxicity equivalent concen	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0063 U	--	--	--	--	**0.0136**	**0.0065**	0.0057 U	0.0054 U	**0.0084**	0.0054 U	0.1	

Notes:

[1] Chemical analysis performed by OnSite Environmental, Inc., of Redmond, Washington.

[2] Sample ID = Parcel ID - boring number - depth of sample [feet bgs]. FL209-B1-4.5-5' = Boring 1 from Parcel FL209, collected from a depth of 4.5 to 5 feet bgs.

[3] Petroleum Hydrocarbon Identification by Northwest Method NWTPH-HCID.

[4] Gasoline-range petroleum hydrocarbons by Northwest Method NWTPH-Gx.

[5] Diesel- and lube oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx.

[6] Resource Conservation Recovery Act (RCRA) metals analyzed by EPA 6000/7000 series method.

[7] Toxicity Characteristic Leaching Procedure (TCLP) metals analyzed by EPA Method 1311.

[8] Benzene, toluene, ethylbenzene, xylenes (BTEX) by United States Environmental Protection Agency (EPA) Method 8021B.

[9] Total xylenes consists of m,p- and o- xylenes. The higher detection limit is used for non-detects.

[10] Volatile organic compounds (VOCs) analyzed by United States Environmental Protection Agency (EPA) Method 8260C.

[11] Acetone is a common laboratory contaminant.

[12] Polycyclic aromatic hydrocarbons (PAHs) and carcinogenic PAHs (cPAHs) analyzed by EPA Method 8270D/SIM.

[13] Total naphthalenes consists of 1-methylnaphthalene, 2-methylnaphthalene and naphthalene.

[14] MTCA Method B cleanup level used when Method A cleanup level has not been established.

[15] Model Toxics Control Act (MTCA) Method A cleanup level for gasoline is 30 mg/kg if benzene is detected or if the sum of toluene, ethylbenzene and xylenes are greater than or equal to 1% of the total gasoline detection.

[16] MTCA Method A cleanup level for Trivalent Chromium.

[17] Results for cPAHs are shown as the sum of the benzo[a]pyrene toxicity equivalent concentrations, calculated by multiplying each individual cPAH concentration by its corresponding TEF. In this sum, non-detects are represented as ½ of the corresponding analyte reporting limit multiplied by the TEF.

[18] 90th Percentile for natural background soil metals concentrations in Puget Sound region, Department of Ecology, publication #94-115, dated October 1994.

[19] Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

"--" = not tested

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act

U = Analyte was not detected at or greater than the listed reporting limit.

TEF = Toxicity Equivalency Factor as defined in WAC 173-340-900 Table 708-2.

Bold font type indicates that the analyte was detected at a concentration greater than the respective laboratory reporting limit.

Grey shading indicates that the detected result exceeds the specified MTCA Cleanup Level.

APPENDIX B

Site Photographs



Photograph 1: Test pit PH209-1 through PH209-4 locations (stakes), east side former garage, view northwest.



Photograph 2: Test pit locations PH209-11 (foreground) and PH209-9 locations (background, adjacent to building), central parcel, view east.



Photograph 3: Test pit PH209-12, view west.



Photograph 4: Test pit PH209-14 location, former garage service pit, view northeast.



Photograph 5: East remedial excavation, north and west sidewall, view northwest.



Photograph 6: East remedial excavation, petroleum-contaminated soils and drain line observed in south sidewall (removed), view south.



Photograph 7: Center excavation. Removing fill soils, petroleum-contaminated soil observed at 5 feet bgs, view east.



Photograph 8: Center excavation. Debris visible, possible remnants of prior remediation, view north.



Photograph 9: Center excavation. Debris visible, possible remnants of prior remediation, view east.



Photograph 10: Central excavation. Petroleum contaminated soils, view east.



Photograph 11: Central excavation, north sidewall, view west.



Photograph 12: Central excavation. North and east sidewalls, view east.



Photograph 13: Central excavation, east sidewall, view north.



Photograph 14: Central excavation, view east.



Photograph 15: East side garage excavation “saddle,” view east.



Photograph 16: East side garage excavation, north sidewall, view north.



Photograph 17: West excavation, view east.



Photograph 18: West excavation, view east.



Photograph 19: West excavation. Debris visible in the south sidewall, view southeast.



Photograph 20: Central excavation. Additional remediation to remove further contamination, view north.



Photograph 21: FL209 east side garage excavation. Over-excavated sample location 209-PEX-30-3, view north.



Photograph 22: Central excavation. Over-excavating sample location 209-PEX-40-15. View north.



Photograph 23: Joint utility trench excavation. Unanticipated contamination in utility trench area, view west.



Photograph 24: Joint utility trench excavation. View south from FL207.



Photograph 25: Joint utility trench excavation. Removing contaminated soils, view south.



Photograph 26: Joint utility trench excavation. View southwest from FL207.



Photograph 27: Joint utility trench excavation. West lateral extent, view north.



Photograph 28: Joint utility trench excavation. East lateral extent, view southeast.



Photograph 29: FL207/FL209 excavation. Soil conditions, debris and abandoned utility, view south.



Photograph 30: FL207/FL209 excavation. Excavating along north property line, view north.



Photograph 31: FL207/FL209 excavation. Petroleum-contaminated soil, north property line, view north.



Photograph 32: FL207/FL209 excavation. FL207 liner and backfill, view north.

APPENDIX C

Laboratory Analytical Reports and Chain-of Custody

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2002421

April 23, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 25 sample(s) on 2/25/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Mercury by EPA Method 7471
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B
Volatile Organic Compounds by EPA Method 8260D

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

Date: *04/23/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2002421

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2002421-001	PH-209-5-3	02/25/2020 10:15 AM	02/25/2020 2:11 PM
2002421-002	PH-209-6-3	02/25/2020 10:20 AM	02/25/2020 2:11 PM
2002421-003	PH-209-7-3	02/25/2020 10:25 AM	02/25/2020 2:11 PM
2002421-004	PH-209-8-3	02/25/2020 10:30 AM	02/25/2020 2:11 PM
2002421-005	PH-209-5-5	02/25/2020 10:40 AM	02/25/2020 2:11 PM
2002421-006	PH-209-6-5	02/25/2020 10:45 AM	02/25/2020 2:11 PM
2002421-007	PH-209-7-5	02/25/2020 10:50 AM	02/25/2020 2:11 PM
2002421-008	PH-209-8-5	02/25/2020 10:55 AM	02/25/2020 2:11 PM
2002421-009	PH-209-9-5	02/25/2020 10:05 AM	02/25/2020 2:11 PM
2002421-010	PH-209-9-10	02/25/2020 10:10 AM	02/25/2020 2:11 PM
2002421-011	PH-209-1-1.5	02/25/2020 9:00 AM	02/25/2020 2:11 PM
2002421-012	PH-209-1-3	02/25/2020 9:05 AM	02/25/2020 2:11 PM
2002421-013	PH-209-2-1.5	02/25/2020 9:25 AM	02/25/2020 2:11 PM
2002421-014	PH-209-2-3	02/25/2020 9:30 AM	02/25/2020 2:11 PM
2002421-015	PH-209-3-1.5	02/25/2020 9:45 AM	02/25/2020 2:11 PM
2002421-016	PH-209-3-3	02/25/2020 9:50 AM	02/25/2020 2:11 PM
2002421-017	PH-209-4-1.5	02/25/2020 9:55 AM	02/25/2020 2:11 PM
2002421-018	PH-209-4-3	02/25/2020 10:00 AM	02/25/2020 2:11 PM
2002421-019	PH-209-11-5	02/25/2020 11:10 AM	02/25/2020 2:11 PM
2002421-020	PH-209-11-10	02/25/2020 11:15 AM	02/25/2020 2:11 PM
2002421-021	PH-209-10-5	02/25/2020 10:35 AM	02/25/2020 2:11 PM
2002421-022	PH-209-12-5	02/25/2020 12:40 PM	02/25/2020 2:11 PM
2002421-023	PH-209-12-7	02/25/2020 12:45 PM	02/25/2020 2:11 PM
2002421-024	PH-209-13-5	02/25/2020 1:15 PM	02/25/2020 2:11 PM
2002421-025	PH-209-13-10	02/25/2020 1:20 PM	02/25/2020 2:11 PM

Case Narrative

WO#: **2002421**
Date: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

3/17/2020: Revision 1 includes additional analysis requested by client.
4/23/2020: Revision 2 includes addition of MEK data as requested by client.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-001 **Collection Date:** 2/25/2020 10:15:00 AM
Client Sample ID: **PH-209-5-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27611		Analyst: DW
Diesel (Fuel Oil)	ND	19.2		mg/Kg-dry	1	2/28/2020 8:23:04 AM
Heavy Oil	ND	48.0		mg/Kg-dry	1	2/28/2020 8:23:04 AM
Surr: 2-Fluorobiphenyl	79.5	50 - 150		%Rec	1	2/28/2020 8:23:04 AM
Surr: o-Terphenyl	86.2	50 - 150		%Rec	1	2/28/2020 8:23:04 AM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	9.97	0.500		wt%	1	2/27/2020 9:06:02 AM

Lab ID: 2002421-002 **Collection Date:** 2/25/2020 10:20:00 AM
Client Sample ID: **PH-209-6-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	211	20.0		mg/Kg-dry	1	2/28/2020 12:44:03 PM
Heavy Oil	ND	49.9		mg/Kg-dry	1	2/28/2020 12:44:03 PM
Surr: 2-Fluorobiphenyl	85.1	50 - 150		%Rec	1	2/28/2020 12:44:03 PM
Surr: o-Terphenyl	89.1	50 - 150		%Rec	1	2/28/2020 12:44:03 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	10.2	0.500		wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-003 **Collection Date:** 2/25/2020 10:25:00 AM
Client Sample ID: **PH-209-7-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	ND	22.0		mg/Kg-dry	1	2/28/2020 2:43:52 PM
Heavy Oil	ND	55.0		mg/Kg-dry	1	2/28/2020 2:43:52 PM
Surr: 2-Fluorobiphenyl	78.6	50 - 150		%Rec	1	2/28/2020 2:43:52 PM
Surr: o-Terphenyl	81.9	50 - 150		%Rec	1	2/28/2020 2:43:52 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	16.9	0.500		wt%	1	2/27/2020 9:06:02 AM

Lab ID: 2002421-004 **Collection Date:** 2/25/2020 10:30:00 AM
Client Sample ID: **PH-209-8-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	7,130	208	D	mg/Kg-dry	10	2/29/2020 1:41:35 AM
Heavy Oil	ND	52.0		mg/Kg-dry	1	2/28/2020 3:13:47 PM
Surr: 2-Fluorobiphenyl	127	50 - 150		%Rec	1	2/28/2020 3:13:47 PM
Surr: o-Terphenyl	88.9	50 - 150		%Rec	1	2/28/2020 3:13:47 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	17.1	0.500		wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-008 **Collection Date:** 2/25/2020 10:55:00 AM
Client Sample ID: **PH-209-8-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27763		Analyst: DW
Diesel (Fuel Oil)	1,150	20.8	H	mg/Kg-dry	1	3/16/2020 8:32:21 PM
Heavy Oil	ND	52.0	H	mg/Kg-dry	1	3/16/2020 8:32:21 PM
Surr: 2-Fluorobiphenyl	111	50 - 150	H	%Rec	1	3/16/2020 8:32:21 PM
Surr: o-Terphenyl	122	50 - 150	H	%Rec	1	3/16/2020 8:32:21 PM
Sample Moisture (Percent Moisture)				Batch ID: R57952		Analyst: EH
Percent Moisture	15.7	0.500		wt%	1	3/11/2020 4:47:13 PM

Lab ID: 2002421-009 **Collection Date:** 2/25/2020 10:05:00 AM
Client Sample ID: **PH-209-9-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	ND	19.2		mg/Kg-dry	1	2/28/2020 3:43:35 PM
Heavy Oil	ND	47.9		mg/Kg-dry	1	2/28/2020 3:43:35 PM
Surr: 2-Fluorobiphenyl	84.9	50 - 150		%Rec	1	2/28/2020 3:43:35 PM
Surr: o-Terphenyl	89.4	50 - 150		%Rec	1	2/28/2020 3:43:35 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	10.2	0.500		wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-011 **Collection Date:** 2/25/2020 9:00:00 AM
Client Sample ID: **PH-209-1-1.5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	119	22.3		mg/Kg-dry	1	2/28/2020 4:13:45 PM
Heavy Oil	71.3	55.8		mg/Kg-dry	1	2/28/2020 4:13:45 PM
Surr: 2-Fluorobiphenyl	91.2	50 - 150		%Rec	1	2/28/2020 4:13:45 PM
Surr: o-Terphenyl	92.7	50 - 150		%Rec	1	2/28/2020 4:13:45 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 27593		Analyst: SB
Naphthalene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
2-Methylnaphthalene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
1-Methylnaphthalene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Acenaphthylene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Acenaphthene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Fluorene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Phenanthrene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Anthracene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Fluoranthene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Pyrene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Benz(a)anthracene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Chrysene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Benzo(b)fluoranthene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Benzo(k)fluoranthene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Benzo(a)pyrene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Indeno(1,2,3-cd)pyrene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Dibenz(a,h)anthracene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Benzo(g,h,i)perylene	ND	46.3		µg/Kg-dry	1	2/28/2020 12:46:36 AM
Surr: 2-Fluorobiphenyl	53.1	24.4 - 151		%Rec	1	2/28/2020 12:46:36 AM
Surr: Terphenyl-d14 (surr)	85.6	31.4 - 162		%Rec	1	2/28/2020 12:46:36 AM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	5.80		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	2/27/2020 11:25:00 AM
Surr: 4-Bromofluorobenzene	94.9	65 - 135		%Rec	1	2/27/2020 11:25:00 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 27599		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Chloromethane	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM

CLIENT: O'Neill Service Group
Project: F200

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27599 Analyst: CR

Vinyl chloride	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Bromomethane	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Chloroethane	ND	0.0580	Q	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1-Dichloroethene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Methylene chloride	0.0432	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
trans-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1-Dichloroethane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
cis-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
(MEK) 2-Butanone	ND	0.290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Chloroform	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1-Dichloropropene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Carbon tetrachloride	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2-Dichloroethane (EDC)	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Benzene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Trichloroethene (TCE)	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2-Dichloropropane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Bromodichloromethane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Dibromomethane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
cis-1,3-Dichloropropene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Toluene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
trans-1,3-Dichloropropylene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1,2-Trichloroethane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,3-Dichloropropane	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Tetrachloroethene (PCE)	0.0474	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Dibromochloromethane	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2-Dibromoethane (EDB)	ND	0.00580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Chlorobenzene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Ethylbenzene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
m,p-Xylene	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
o-Xylene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Styrene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Isopropylbenzene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Bromoform	ND	0.0580		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
n-Propylbenzene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
Bromobenzene	ND	0.0232		mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,3,5-Trimethylbenzene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
2-Chlorotoluene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM
4-Chlorotoluene	ND	0.0290		mg/Kg-dry	1	2/27/2020 11:25:00 AM

CLIENT: O'Neill Service Group
Project: F200

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27599 Analyst: CR

tert-Butylbenzene	ND	0.0290	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2,3-Trichloropropane	ND	0.0290	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2,4-Trichlorobenzene	ND	0.0290	mg/Kg-dry	1	2/27/2020 11:25:00 AM
sec-Butylbenzene	ND	0.0580	mg/Kg-dry	1	2/27/2020 11:25:00 AM
4-Isopropyltoluene	ND	0.0580	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,3-Dichlorobenzene	ND	0.0232	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,4-Dichlorobenzene	ND	0.0232	mg/Kg-dry	1	2/27/2020 11:25:00 AM
n-Butylbenzene	ND	0.0290	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2-Dichlorobenzene	ND	0.0232	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2-Dibromo-3-chloropropane	ND	0.580	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2,4-Trimethylbenzene	ND	0.0232	mg/Kg-dry	1	2/27/2020 11:25:00 AM
Hexachloro-1,3-butadiene	ND	0.0580	mg/Kg-dry	1	2/27/2020 11:25:00 AM
Naphthalene	ND	0.0580	mg/Kg-dry	1	2/27/2020 11:25:00 AM
1,2,3-Trichlorobenzene	ND	0.0232	mg/Kg-dry	1	2/27/2020 11:25:00 AM
Surr: Dibromofluoromethane	101	80 - 116	%Rec	1	2/27/2020 11:25:00 AM
Surr: Toluene-d8	100	84.8 - 113	%Rec	1	2/27/2020 11:25:00 AM
Surr: 1-Bromo-4-fluorobenzene	95.9	82.8 - 113	%Rec	1	2/27/2020 11:25:00 AM

Mercury by EPA Method 7471

Batch ID: 27634 Analyst: WF

Mercury	ND	0.276	mg/Kg-dry	1	3/2/2020 3:48:26 PM

Total Metals by EPA Method 6020B

Batch ID: 27597 Analyst: CO

Arsenic	10.0	0.226	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Barium	109	0.452	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Cadmium	0.427	0.181	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Chromium	21.6	0.0904	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Lead	28.8	0.181	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Selenium	0.743	0.452	mg/Kg-dry	1	2/28/2020 5:09:12 PM
Silver	0.174	0.0904	mg/Kg-dry	1	3/2/2020 5:04:22 PM

Sample Moisture (Percent Moisture)

Batch ID: R57644 Analyst: SBM

Percent Moisture	16.2	0.500	wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-012 **Collection Date:** 2/25/2020 9:05:00 AM
Client Sample ID: **PH-209-1-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	133	22.7		mg/Kg-dry	1	2/28/2020 4:43:59 PM
Heavy Oil	ND	56.7		mg/Kg-dry	1	2/28/2020 4:43:59 PM
Surr: 2-Fluorobiphenyl	85.9	50 - 150		%Rec	1	2/28/2020 4:43:59 PM
Surr: o-Terphenyl	88.6	50 - 150		%Rec	1	2/28/2020 4:43:59 PM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	7.64		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	2/27/2020 12:26:29 PM
Surr: 4-Bromofluorobenzene	98.5	65 - 135		%Rec	1	2/27/2020 12:26:29 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 27599		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Chloromethane	ND	0.0764		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Vinyl chloride	ND	0.0382		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Bromomethane	ND	0.0764		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Trichlorofluoromethane (CFC-11)	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Chloroethane	ND	0.0764	Q	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1-Dichloroethene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Methylene chloride	0.0647	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
trans-1,2-Dichloroethene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Methyl tert-butyl ether (MTBE)	ND	0.0764		mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1-Dichloroethane	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
cis-1,2-Dichloroethene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
(MEK) 2-Butanone	ND	0.382		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Chloroform	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1,1-Trichloroethane (TCA)	ND	0.0382		mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1-Dichloropropene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Carbon tetrachloride	ND	0.0764		mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2-Dichloroethane (EDC)	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Benzene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Trichloroethene (TCE)	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2-Dichloropropane	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Bromodichloromethane	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Dibromomethane	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
cis-1,3-Dichloropropene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM
Toluene	ND	0.0306		mg/Kg-dry	1	2/27/2020 12:26:29 PM

CLIENT: O'Neill Service Group
Project: F200

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 27599 Analyst: CR

trans-1,3-Dichloropropylene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1,2-Trichloroethane	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,3-Dichloropropane	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Tetrachloroethene (PCE)	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Dibromochloromethane	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2-Dibromoethane (EDB)	ND	0.00764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Chlorobenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1,1,2-Tetrachloroethane	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Ethylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
m,p-Xylene	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
o-Xylene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Styrene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Isopropylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Bromoform	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,1,2,2-Tetrachloroethane	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
n-Propylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Bromobenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,3,5-Trimethylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
2-Chlorotoluene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
4-Chlorotoluene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
tert-Butylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2,3-Trichloropropane	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2,4-Trichlorobenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
sec-Butylbenzene	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
4-Isopropyltoluene	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,3-Dichlorobenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,4-Dichlorobenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
n-Butylbenzene	ND	0.0382	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2-Dichlorobenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2-Dibromo-3-chloropropane	ND	0.764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2,4-Trimethylbenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Hexachloro-1,3-butadiene	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Naphthalene	ND	0.0764	mg/Kg-dry	1	2/27/2020 12:26:29 PM
1,2,3-Trichlorobenzene	ND	0.0306	mg/Kg-dry	1	2/27/2020 12:26:29 PM
Surr: Dibromofluoromethane	98.3	80 - 116	%Rec	1	2/27/2020 12:26:29 PM
Surr: Toluene-d8	98.8	84.8 - 113	%Rec	1	2/27/2020 12:26:29 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	82.8 - 113	%Rec	1	2/27/2020 12:26:29 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Mercury by EPA Method 7471

Batch ID: 27634 Analyst: WF

Mercury	ND	0.279	mg/Kg-dry	1	3/2/2020 3:50:02 PM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Total Metals by EPA Method 6020B

Batch ID: 27597 Analyst: CO

Arsenic	7.92	0.218	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Barium	91.2	0.437	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Cadmium	0.318	0.175	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Chromium	17.7	0.0874	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Lead	14.6	0.175	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Selenium	0.466	0.437	mg/Kg-dry	1	2/28/2020 5:14:45 PM
Silver	0.108	0.0874	mg/Kg-dry	1	3/2/2020 5:09:55 PM

Sample Moisture (Percent Moisture)

Batch ID: R57644 Analyst: SBM

Percent Moisture	17.1	0.500	wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-013 **Collection Date:** 2/25/2020 9:25:00 AM
Client Sample ID: **PH-209-2-1.5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	3,690	207	D	mg/Kg-dry	10	3/2/2020 12:38:32 PM
Heavy Oil	3,470	518	D	mg/Kg-dry	10	3/2/2020 12:38:32 PM
Surr: 2-Fluorobiphenyl	77.4	50 - 150		%Rec	1	2/28/2020 5:13:50 PM
Surr: o-Terphenyl	86.3	50 - 150		%Rec	1	2/28/2020 5:13:50 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 27593		Analyst: SB
Naphthalene	138	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
2-Methylnaphthalene	220	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
1-Methylnaphthalene	1,020	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Acenaphthylene	ND	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Acenaphthene	400	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Fluorene	566	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Phenanthrene	1,690	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Anthracene	474	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Fluoranthene	279	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Pyrene	1,470	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Benz(a)anthracene	633	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Chrysene	1,100	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Benzo(b)fluoranthene	ND	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Benzo(k)fluoranthene	ND	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Benzo(a)pyrene	395	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Indeno(1,2,3-cd)pyrene	61.4	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Dibenz(a,h)anthracene	83.3	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Benzo(g,h,i)perylene	119	40.3		µg/Kg-dry	1	2/28/2020 1:07:39 AM
Surr: 2-Fluorobiphenyl	77.7	24.4 - 151		%Rec	1	2/28/2020 1:07:39 AM
Surr: Terphenyl-d14 (surr)	95.5	31.4 - 162		%Rec	1	2/28/2020 1:07:39 AM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	5.65		mg/Kg-dry	1	2/27/2020 12:57:15 PM
Surr: Toluene-d8	97.5	65 - 135		%Rec	1	2/27/2020 12:57:15 PM
Surr: 4-Bromofluorobenzene	107	65 - 135		%Rec	1	2/27/2020 12:57:15 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	ND	0.261		mg/Kg-dry	1	3/2/2020 3:51:38 PM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Total Metals by EPA Method 6020B

Batch ID: 27597 Analyst: CO

Arsenic	4.64	0.223	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Barium	57.6	0.447	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Cadmium	0.363	0.179	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Chromium	27.8	0.0893	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Lead	6.74	0.179	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Selenium	0.664	0.447	mg/Kg-dry	1	2/28/2020 5:20:19 PM
Silver	ND	0.0893	mg/Kg-dry	1	3/2/2020 5:15:28 PM

Sample Moisture (Percent Moisture)

Batch ID: R57644 Analyst: SBM

Percent Moisture	11.2	0.500	wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-014 **Collection Date:** 2/25/2020 9:30:00 AM
Client Sample ID: **PH-209-2-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	238	22.3		mg/Kg-dry	1	2/28/2020 7:13:07 PM
Heavy Oil	133	55.7		mg/Kg-dry	1	2/28/2020 7:13:07 PM
Surr: 2-Fluorobiphenyl	93.1	50 - 150		%Rec	1	2/28/2020 7:13:07 PM
Surr: o-Terphenyl	90.6	50 - 150		%Rec	1	2/28/2020 7:13:07 PM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	8.24		mg/Kg-dry	1	2/28/2020 4:48:16 AM
Surr: Toluene-d8	99.0	65 - 135		%Rec	1	2/28/2020 4:48:16 AM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	2/28/2020 4:48:16 AM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	ND	0.284		mg/Kg-dry	1	3/2/2020 3:53:15 PM
Total Metals by EPA Method 6020B				Batch ID: 27597		Analyst: CO
Arsenic	5.91	0.231		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Barium	86.9	0.462		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Cadmium	ND	0.185		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Chromium	32.1	0.0923		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Lead	10.8	0.185		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Selenium	0.736	0.462		mg/Kg-dry	1	2/28/2020 5:25:52 PM
Silver	0.0959	0.0923		mg/Kg-dry	1	3/2/2020 5:21:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	15.4	0.500		wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-015 **Collection Date:** 2/25/2020 9:45:00 AM
Client Sample ID: **PH-209-3-1.5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	3,210	186	D	mg/Kg-dry	10	3/2/2020 1:08:33 PM
Heavy Oil	222	46.5		mg/Kg-dry	1	2/28/2020 7:43:02 PM
Surr: 2-Fluorobiphenyl	74.3	50 - 150		%Rec	1	2/28/2020 7:43:02 PM
Surr: o-Terphenyl	85.5	50 - 150		%Rec	1	2/28/2020 7:43:02 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 27593		Analyst: SB
Naphthalene	122	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
2-Methylnaphthalene	282	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
1-Methylnaphthalene	423	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Acenaphthylene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Acenaphthene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Fluorene	309	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Phenanthrene	253	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Anthracene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Fluoranthene	86.4	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Pyrene	248	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Benz(a)anthracene	78.4	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Chrysene	130	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Benzo(b)fluoranthene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Benzo(k)fluoranthene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Benzo(a)pyrene	45.6	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Indeno(1,2,3-cd)pyrene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Dibenz(a,h)anthracene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Benzo(g,h,i)perylene	ND	39.3		µg/Kg-dry	1	2/28/2020 1:28:44 AM
Surr: 2-Fluorobiphenyl	77.0	24.4 - 151		%Rec	1	2/28/2020 1:28:44 AM
Surr: Terphenyl-d14 (surr)	92.8	31.4 - 162		%Rec	1	2/28/2020 1:28:44 AM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	56.9	D	mg/Kg-dry	10	2/27/2020 11:41:33 PM
Surr: Toluene-d8	98.9	65 - 135	D	%Rec	10	2/27/2020 11:41:33 PM
Surr: 4-Bromofluorobenzene	101	65 - 135	D	%Rec	10	2/27/2020 11:41:33 PM

NOTES:
Diluted due to matrix.

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Mercury by EPA Method 7471

Batch ID: 27634 Analyst: WF

Mercury	0.544	0.262	mg/Kg-dry	1	3/2/2020 3:58:11 PM

Total Metals by EPA Method 6020B

Batch ID: 27597 Analyst: CO

Arsenic	3.36	0.198	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Barium	57.6	0.396	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Cadmium	ND	0.158	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Chromium	21.3	0.0791	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Lead	13.7	0.158	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Selenium	0.515	0.396	mg/Kg-dry	1	2/28/2020 5:31:25 PM
Silver	ND	0.0791	mg/Kg-dry	1	2/28/2020 5:31:25 PM

Sample Moisture (Percent Moisture)

Batch ID: R57644 Analyst: SBM

Percent Moisture	8.40	0.500	wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-016 **Collection Date:** 2/25/2020 9:50:00 AM
Client Sample ID: **PH-209-3-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	69.7	23.1		mg/Kg-dry	1	2/28/2020 8:12:53 PM
Heavy Oil	ND	57.7		mg/Kg-dry	1	2/28/2020 8:12:53 PM
Surr: 2-Fluorobiphenyl	91.7	50 - 150		%Rec	1	2/28/2020 8:12:53 PM
Surr: o-Terphenyl	92.6	50 - 150		%Rec	1	2/28/2020 8:12:53 PM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	10.2		mg/Kg-dry	1	2/27/2020 1:58:39 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	2/27/2020 1:58:39 PM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	2/27/2020 1:58:39 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	ND	0.277		mg/Kg-dry	1	3/2/2020 3:59:48 PM
Total Metals by EPA Method 6020B				Batch ID: 27597		Analyst: CO
Arsenic	5.67	0.230		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Barium	102	0.461		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Cadmium	ND	0.184		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Chromium	33.4	0.0922		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Lead	7.88	0.184		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Selenium	0.710	0.461		mg/Kg-dry	1	2/28/2020 5:36:58 PM
Silver	0.115	0.0922		mg/Kg-dry	1	3/2/2020 5:26:35 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	16.6	0.500		wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-017 **Collection Date:** 2/25/2020 9:55:00 AM
Client Sample ID: **PH-209-4-1.5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	4,500	220	D	mg/Kg-dry	10	3/2/2020 1:38:26 PM
Heavy Oil	635	55.0		mg/Kg-dry	1	2/28/2020 8:42:41 PM
Surr: 2-Fluorobiphenyl	80.4	50 - 150		%Rec	1	2/28/2020 8:42:41 PM
Surr: o-Terphenyl	80.9	50 - 150		%Rec	1	2/28/2020 8:42:41 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 27593		Analyst: SB
Naphthalene	140	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
2-Methylnaphthalene	1,100	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
1-Methylnaphthalene	1,150	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Acenaphthylene	79.5	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Acenaphthene	97.6	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Fluorene	322	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Phenanthrene	533	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Anthracene	89.1	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Fluoranthene	59.1	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Pyrene	208	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Benz(a)anthracene	120	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Chrysene	190	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Benzo(b)fluoranthene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Benzo(k)fluoranthene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Benzo(a)pyrene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Indeno(1,2,3-cd)pyrene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Dibenz(a,h)anthracene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Benzo(g,h,i)perylene	ND	43.4		µg/Kg-dry	1	2/28/2020 1:49:50 AM
Surr: 2-Fluorobiphenyl	58.2	24.4 - 151		%Rec	1	2/28/2020 1:49:50 AM
Surr: Terphenyl-d14 (surr)	83.2	31.4 - 162		%Rec	1	2/28/2020 1:49:50 AM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	9.01		mg/Kg-dry	1	2/27/2020 2:29:20 PM
Surr: Toluene-d8	94.7	65 - 135		%Rec	1	2/27/2020 2:29:20 PM
Surr: 4-Bromofluorobenzene	107	65 - 135		%Rec	1	2/27/2020 2:29:20 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	0.700	0.266		mg/Kg-dry	1	3/2/2020 4:01:25 PM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Total Metals by EPA Method 6020B

Batch ID: 27597 Analyst: CO

Arsenic	6.54	0.212	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Barium	94.2	0.424	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Cadmium	0.453	0.170	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Chromium	23.5	0.0848	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Lead	64.5	0.170	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Selenium	0.599	0.424	mg/Kg-dry	1	2/28/2020 5:41:47 PM
Silver	0.141	0.0848	mg/Kg-dry	1	3/2/2020 6:55:33 PM

Sample Moisture (Percent Moisture)

Batch ID: R57644 Analyst: SBM

Percent Moisture	14.6	0.500	wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-018 **Collection Date:** 2/25/2020 10:00:00 AM
Client Sample ID: **PH-209-4-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	403	23.1		mg/Kg-dry	1	2/28/2020 9:12:22 PM
Heavy Oil	ND	57.8		mg/Kg-dry	1	2/28/2020 9:12:22 PM
Surr: 2-Fluorobiphenyl	92.3	50 - 150		%Rec	1	2/28/2020 9:12:22 PM
Surr: o-Terphenyl	97.6	50 - 150		%Rec	1	2/28/2020 9:12:22 PM
Gasoline by NWTPH-Gx				Batch ID: 27599		Analyst: CR
Gasoline	ND	19.1		mg/Kg-dry	1	2/27/2020 3:00:07 PM
Surr: Toluene-d8	99.1	65 - 135		%Rec	1	2/27/2020 3:00:07 PM
Surr: 4-Bromofluorobenzene	104	65 - 135		%Rec	1	2/27/2020 3:00:07 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	ND	0.273		mg/Kg-dry	1	3/2/2020 4:03:03 PM
Total Metals by EPA Method 6020B				Batch ID: 27597		Analyst: CO
Arsenic	4.24	0.218		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Barium	112	0.435		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Cadmium	ND	0.174		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Chromium	31.6	0.0871		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Lead	6.65	0.174		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Selenium	0.731	0.435		mg/Kg-dry	1	2/28/2020 5:46:35 PM
Silver	0.0972	0.0871		mg/Kg-dry	1	3/2/2020 7:01:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	16.8	0.500		wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-019 **Collection Date:** 2/25/2020 11:10:00 AM
Client Sample ID: **PH-209-11-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	1,650	18.9		mg/Kg-dry	1	2/28/2020 9:42:07 PM
Heavy Oil	252	47.3		mg/Kg-dry	1	2/28/2020 9:42:07 PM
Surr: 2-Fluorobiphenyl	85.3	50 - 150		%Rec	1	2/28/2020 9:42:07 PM
Surr: o-Terphenyl	90.3	50 - 150		%Rec	1	2/28/2020 9:42:07 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	1.21	1.32	JD	mg/Kg-dry	5	3/2/2020 4:09:47 PM
Total Metals by EPA Method 6020B				Batch ID: 27597		Analyst: CO
Arsenic	3.46	0.207		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Barium	76.2	0.414		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Cadmium	ND	0.166		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Chromium	23.6	0.0829		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Lead	7.94	0.166		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Selenium	0.598	0.414		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Silver	ND	0.0829		mg/Kg-dry	1	2/28/2020 5:51:23 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	9.28	0.500		wt%	1	2/27/2020 9:06:02 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-020 **Collection Date:** 2/25/2020 11:15:00 AM
Client Sample ID: **PH-209-11-10** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	490	21.1		mg/Kg-dry	1	2/28/2020 10:12:26 PM
Heavy Oil	58.8	52.7		mg/Kg-dry	1	2/28/2020 10:12:26 PM
Surr: 2-Fluorobiphenyl	86.3	50 - 150		%Rec	1	2/28/2020 10:12:26 PM
Surr: o-Terphenyl	91.3	50 - 150		%Rec	1	2/28/2020 10:12:26 PM
Mercury by EPA Method 7471				Batch ID: 27634		Analyst: WF
Mercury	ND	0.260		mg/Kg-dry	1	3/2/2020 4:11:24 PM
Total Metals by EPA Method 6020B				Batch ID: 27597		Analyst: CO
Arsenic	2.21	0.201		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Barium	45.4	0.403		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Cadmium	ND	0.161		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Chromium	20.5	0.0805		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Lead	2.81	0.161		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Selenium	0.587	0.403		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Silver	ND	0.0805		mg/Kg-dry	1	2/28/2020 6:05:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R57644		Analyst: SBM
Percent Moisture	9.36	0.500		wt%	1	2/27/2020 9:06:02 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-021 **Collection Date:** 2/25/2020 10:35:00 AM
Client Sample ID: **PH-209-10-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	364	19.2		mg/Kg-dry	1	2/28/2020 10:42:20 PM
Heavy Oil	ND	48.1		mg/Kg-dry	1	2/28/2020 10:42:20 PM
Surr: 2-Fluorobiphenyl	88.1	50 - 150		%Rec	1	2/28/2020 10:42:20 PM
Surr: o-Terphenyl	90.1	50 - 150		%Rec	1	2/28/2020 10:42:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R57675		Analyst: MM
Percent Moisture	7.92	0.500		wt%	1	2/28/2020 9:49:36 AM

Lab ID: 2002421-022 **Collection Date:** 2/25/2020 12:40:00 PM
Client Sample ID: **PH-209-12-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	ND	22.4		mg/Kg-dry	1	2/28/2020 11:12:23 PM
Heavy Oil	434	56.1		mg/Kg-dry	1	2/28/2020 11:12:23 PM
Surr: 2-Fluorobiphenyl	85.6	50 - 150		%Rec	1	2/28/2020 11:12:23 PM
Surr: o-Terphenyl	90.4	50 - 150		%Rec	1	2/28/2020 11:12:23 PM
Sample Moisture (Percent Moisture)				Batch ID: R57675		Analyst: MM
Percent Moisture	20.0	0.500		wt%	1	2/28/2020 9:49:36 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-023 **Collection Date:** 2/25/2020 12:45:00 PM
Client Sample ID: **PH-209-12-7** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	ND	20.1		mg/Kg-dry	1	2/28/2020 11:42:23 PM
Heavy Oil	ND	50.3		mg/Kg-dry	1	2/28/2020 11:42:23 PM
Surr: 2-Fluorobiphenyl	84.2	50 - 150		%Rec	1	2/28/2020 11:42:23 PM
Surr: o-Terphenyl	89.4	50 - 150		%Rec	1	2/28/2020 11:42:23 PM
Sample Moisture (Percent Moisture)				Batch ID: R57675		Analyst: MM
Percent Moisture	8.54	0.500		wt%	1	2/28/2020 9:49:36 AM

Lab ID: 2002421-024 **Collection Date:** 2/25/2020 1:15:00 PM
Client Sample ID: **PH-209-13-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	411	18.8		mg/Kg-dry	1	2/29/2020 12:12:04 AM
Heavy Oil	70.9	47.0		mg/Kg-dry	1	2/29/2020 12:12:04 AM
Surr: 2-Fluorobiphenyl	89.0	50 - 150		%Rec	1	2/29/2020 12:12:04 AM
Surr: o-Terphenyl	91.2	50 - 150		%Rec	1	2/29/2020 12:12:04 AM
Sample Moisture (Percent Moisture)				Batch ID: R57675		Analyst: MM
Percent Moisture	9.49	0.500		wt%	1	2/28/2020 9:49:36 AM

Analytical Report

Work Order: **2002421**
Date Reported: **4/23/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2002421-025 **Collection Date:** 2/25/2020 1:20:00 PM
Client Sample ID: **PH-209-13-10** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 27612		Analyst: DW
Diesel (Fuel Oil)	2,720	216	D	mg/Kg-dry	10	3/2/2020 2:08:36 PM
Heavy Oil	ND	54.0		mg/Kg-dry	1	2/29/2020 12:41:47 AM
Surr: 2-Fluorobiphenyl	84.8	50 - 150		%Rec	1	2/29/2020 12:41:47 AM
Surr: o-Terphenyl	91.5	50 - 150		%Rec	1	2/29/2020 12:41:47 AM
Sample Moisture (Percent Moisture)				Batch ID: R57675		Analyst: MM
Percent Moisture	7.61	0.500		wt%	1	2/28/2020 9:49:36 AM

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **LCS-27763**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **LCSS**	Batch ID: **27763**					Analysis Date: **3/16/2020**		SeqNo: **1159104**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	525	20.0	500.0	0	105	65	135				
Surr: 2-Fluorobiphenyl	21.7		20.00		109	50	150				
Surr: o-Terphenyl	22.8		20.00		114	50	150				

Sample ID: **MB-27763**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **MBLKS**	Batch ID: **27763**					Analysis Date: **3/16/2020**		SeqNo: **1159105**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.3		20.00		101	50	150				
Surr: o-Terphenyl	21.2		20.00		106	50	150				

Sample ID: **2003099-027ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **BATCH**	Batch ID: **27763**					Analysis Date: **3/16/2020**		SeqNo: **1159223**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	22.6						0		30	
Heavy Oil	ND	56.4						0		30	
Surr: 2-Fluorobiphenyl	23.6		22.56		105	50	150		0		
Surr: o-Terphenyl	25.1		22.56		111	50	150		0		

Sample ID: **2003099-027AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **BATCH**	Batch ID: **27763**					Analysis Date: **3/17/2020**		SeqNo: **1159224**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	433	21.9	548.5	0	79.0	65	135				
Surr: 2-Fluorobiphenyl	22.6		21.94		103	50	150				
Surr: o-Terphenyl	22.3		21.94		102	50	150				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2003099-027AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **BATCH**	Batch ID: **27763**					Analysis Date: **3/17/2020**		SeqNo: **1159224**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2003099-027AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **BATCH**	Batch ID: **27763**					Analysis Date: **3/17/2020**		SeqNo: **1159225**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	498	23.5	587.8	0	84.6	65	135	433.3	13.8	30	
Surr: 2-Fluorobiphenyl	23.9		23.51		101	50	150		0		
Surr: o-Terphenyl	23.9		23.51		102	50	150		0		

Sample ID: **2003157-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **3/13/2020**		RunNo: **58048**			
Client ID: **BATCH**	Batch ID: **27763**					Analysis Date: **3/17/2020**		SeqNo: **1159229**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0						0		30	
Heavy Oil	ND	49.9						63.28	34.5	30	
Surr: 2-Fluorobiphenyl	23.9		19.97		120	50	150		0		
Surr: o-Terphenyl	25.4		19.97		127	50	150		0		

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-27612**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **MBLKS**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152642**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.4		20.00		87.1	50	150				
Surr: o-Terphenyl	18.0		20.00		90.2	50	150				

Sample ID: **LCS-27612**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **LCSS**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152643**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	481	20.0	500.0	0	96.1	65	135				
Surr: 2-Fluorobiphenyl	19.5		20.00		97.6	50	150				
Surr: o-Terphenyl	18.7		20.00		93.5	50	150				

Sample ID: **2002421-002ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **PH-209-6-3**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152645**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	235	21.8						211.3	10.5	30	
Heavy Oil	ND	54.6						0		30	
Surr: 2-Fluorobiphenyl	18.3		21.82		83.9	50	150		0		
Surr: o-Terphenyl	19.4		21.82		88.8	50	150		0		

Sample ID: **2002421-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **PH-209-6-3**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152646**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	666	19.2	479.4	211.3	94.8	65	135				
Surr: 2-Fluorobiphenyl	17.1		19.18		89.2	50	150				
Surr: o-Terphenyl	16.3		19.18		85.1	50	150				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2002421-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **PH-209-6-3**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152646**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2002421-002AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **PH-209-6-3**	Batch ID: **27612**		Analysis Date: **2/28/2020**	SeqNo: **1152647**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	718	20.6	515.3	211.3	98.2	65	135	665.6	7.52	30	
Surr: 2-Fluorobiphenyl	18.6		20.61		90.1	50	150		0		
Surr: o-Terphenyl	18.1		20.61		87.9	50	150		0		

Sample ID: **2002421-025ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57724**
Client ID: **PH-209-13-10**	Batch ID: **27612**		Analysis Date: **2/29/2020**	SeqNo: **1152667**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,810	19.4						2,567	9.14	30	E
Heavy Oil	ND	48.5						0		30	
Surr: 2-Fluorobiphenyl	17.1		19.40		88.4	50	150		0		
Surr: o-Terphenyl	17.0		19.40		87.9	50	150		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-27611**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **2/27/2020**		RunNo: **57684**		
Client ID: **MBLKS**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151542**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.5		20.00		82.7	50	150				
Surr: o-Terphenyl	17.3		20.00		86.3	50	150				

Sample ID: **LCS-27611**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **2/27/2020**		RunNo: **57684**		
Client ID: **LCSS**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151543**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	468	20.0	500.0	0	93.7	65	135				
Surr: 2-Fluorobiphenyl	18.2		20.00		91.0	50	150				
Surr: o-Terphenyl	18.0		20.00		90.1	50	150				

Sample ID: **2002391-010ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57684**		
Client ID: **BATCH**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151545**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	25.8						0		30	
Heavy Oil	ND	64.6						0		30	
Surr: 2-Fluorobiphenyl	19.8		25.84		76.8	50	150		0		
Surr: o-Terphenyl	21.4		25.84		83.0	50	150		0		

Sample ID: **2002391-010AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57684**		
Client ID: **BATCH**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151546**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	587	26.0	650.8	0	90.2	65	135				
Surr: 2-Fluorobiphenyl	22.5		26.03		86.3	50	150				
Surr: o-Terphenyl	22.2		26.03		85.4	50	150				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2002391-010AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57684**			
Client ID: **BATCH**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151546**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2002391-010AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57684**			
Client ID: **BATCH**	Batch ID: **27611**					Analysis Date: **2/27/2020**		SeqNo: **1151547**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	606	26.4	659.5	0	91.8	65	135	586.7	3.19	30	
Surr: 2-Fluorobiphenyl	21.3		26.38		80.8	50	150		0		
Surr: o-Terphenyl	21.5		26.38		81.4	50	150		0		

Sample ID: **2002406-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57684**			
Client ID: **BATCH**	Batch ID: **27611**					Analysis Date: **2/28/2020**		SeqNo: **1152234**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	25.9						1,500	76.3	30	R
Heavy Oil	ND	64.7						0		30	
Creosote	3,350	25.9						1,500	76.3	30	RE
Surr: 2-Fluorobiphenyl	22.6		25.88		87.1	50	150		0		
Surr: o-Terphenyl	22.9		25.88		88.6	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: LCS-27599	SampType: LCS	Units: mg/Kg	Prep Date: 2/27/2020	RunNo: 57678
Client ID: LCSS	Batch ID: 27599		Analysis Date: 2/27/2020	SeqNo: 1151607

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.6	5.00	25.00	0	103	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		101	65	135				

Sample ID: MB-27599	SampType: MBLK	Units: mg/Kg	Prep Date: 2/27/2020	RunNo: 57678
Client ID: MBLKS	Batch ID: 27599		Analysis Date: 2/27/2020	SeqNo: 1151608

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.21		1.250		96.6	65	135				

Sample ID: 2002421-011BDUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 2/27/2020	RunNo: 57678
Client ID: PH-209-1-1.5	Batch ID: 27599		Analysis Date: 2/27/2020	SeqNo: 1151588

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.80						0		30	
Surr: Toluene-d8	1.44		1.450		99.0	65	135		0		
Surr: 4-Bromofluorobenzene	1.45		1.450		100	65	135		0		

Sample ID: 2002421-012BMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 2/27/2020	RunNo: 57678
Client ID: PH-209-1-3	Batch ID: 27599		Analysis Date: 2/27/2020	SeqNo: 1151590

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	38.6	7.64	38.21	0	101	65	135				
Surr: Toluene-d8	1.92		1.910		101	65	135				
Surr: 4-Bromofluorobenzene	1.94		1.910		102	65	135				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2002421-012BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57678**
Client ID: **PH-209-1-3**	Batch ID: **27599**		Analysis Date: **2/27/2020**	SeqNo: **1151591**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	45.5	7.64	38.21	0	119	65	135	38.62	16.4	30	
Surr: Toluene-d8	1.88		1.910		98.5	65	135		0		
Surr: 4-Bromofluorobenzene	1.92		1.910		100	65	135		0		

Sample ID: **2002406-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57678**
Client ID: **BATCH**	Batch ID: **27599**		Analysis Date: **2/28/2020**	SeqNo: **1151584**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	423	75.0						260.7	47.5	30	RD
Surr: Toluene-d8	18.4		18.75		97.9	65	135		0		D
Surr: 4-Bromofluorobenzene	19.7		18.75		105	65	135		0		D

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Mercury by EPA Method 7471

Sample ID: **MB-27634**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **3/2/2020**			RunNo: **57722**	
Client ID: **MBLKS**	Batch ID: **27634**					Analysis Date: **3/2/2020**			SeqNo: **1152698**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.250									

Sample ID: **LCS-27634**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **3/2/2020**			RunNo: **57722**	
Client ID: **LCSS**	Batch ID: **27634**					Analysis Date: **3/2/2020**			SeqNo: **1152699**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.445	0.250	0.5000	0	89.0	80	120				

Sample ID: **2002384-067ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **3/2/2020**			RunNo: **57722**	
Client ID: **BATCH**	Batch ID: **27634**					Analysis Date: **3/2/2020**			SeqNo: **1152701**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.268						0		20	

Sample ID: **2002384-067AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **3/2/2020**			RunNo: **57722**	
Client ID: **BATCH**	Batch ID: **27634**					Analysis Date: **3/2/2020**			SeqNo: **1152702**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.513	0.274	0.5471	0.03060	88.2	70	130				

Sample ID: **2002384-067AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **3/2/2020**			RunNo: **57722**	
Client ID: **BATCH**	Batch ID: **27634**					Analysis Date: **3/2/2020**			SeqNo: **1152703**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.544	0.274	0.5471	0.03060	93.8	70	130	0.5132	5.80	20	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-27593**	SampType: **MBLK**	Units: **µg/Kg**	Prep Date: **2/26/2020**	RunNo: **57688**
Client ID: **MBLKS**	Batch ID: **27593**		Analysis Date: **2/27/2020**	SeqNo: **1151765**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	444		500.0		88.9	24.4	151				
Surr: Terphenyl-d14 (surr)	783		500.0		157	31.4	162				

Sample ID: **LCS-27593**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **2/26/2020**	RunNo: **57688**
Client ID: **LCSS**	Batch ID: **27593**		Analysis Date: **2/27/2020**	SeqNo: **1151766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	856	40.0	1,000	0	85.6	63.6	135				
2-Methylnaphthalene	884	40.0	1,000	0	88.4	61.5	140				
1-Methylnaphthalene	896	40.0	1,000	0	89.6	59.6	140				
Acenaphthylene	781	40.0	1,000	0	78.1	61.2	141				
Acenaphthene	869	40.0	1,000	0	86.9	62.3	134				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-27593**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **2/26/2020**	RunNo: **57688**
Client ID: **LCSS**	Batch ID: **27593**		Analysis Date: **2/27/2020**	SeqNo: **1151766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	778	40.0	1,000	0	77.8	64.1	134				
Phenanthrene	714	40.0	1,000	0	71.4	63.2	132				
Anthracene	1,110	40.0	1,000	0	111	61.5	136				
Fluoranthene	1,000	40.0	1,000	0	100	63.1	140				
Pyrene	1,010	40.0	1,000	0	101	63.4	140				
Benz(a)anthracene	1,060	40.0	1,000	0	106	62.7	148				
Chrysene	944	40.0	1,000	0	94.4	60.5	142				
Benzo(b)fluoranthene	853	40.0	1,000	0	85.3	55.8	158				
Benzo(k)fluoranthene	1,240	40.0	1,000	0	124	64	136				
Benzo(a)pyrene	991	40.0	1,000	0	99.1	61.9	151				
Indeno(1,2,3-cd)pyrene	876	40.0	1,000	0	87.6	48.3	147				
Dibenz(a,h)anthracene	904	40.0	1,000	0	90.4	47.9	150				
Benzo(g,h,i)perylene	841	40.0	1,000	0	84.1	44.4	144				
Surr: 2-Fluorobiphenyl	530		500.0		106	24.4	151				
Surr: Terphenyl-d14 (surr)	788		500.0		158	31.4	162				

Sample ID: **2002412-003AMS**	SampType: **MS**	Units: **µg/Kg-dry**	Prep Date: **2/26/2020**	RunNo: **57688**
Client ID: **BATCH**	Batch ID: **27593**		Analysis Date: **2/27/2020**	SeqNo: **1151768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	749	40.3	1,007	7.518	73.7	37	127				
2-Methylnaphthalene	767	40.3	1,007	7.103	75.5	38.9	128				
1-Methylnaphthalene	777	40.3	1,007	0	77.2	36.2	129				
Acenaphthylene	700	40.3	1,007	6.926	68.9	39	132				
Acenaphthene	788	40.3	1,007	16.85	76.6	39.5	124				
Fluorene	765	40.3	1,007	20.31	74.0	38.3	128				
Phenanthrene	1,420	40.3	1,007	391.0	103	29.2	132				
Anthracene	1,150	40.3	1,007	141.2	100	38.8	128				
Fluoranthene	2,590	40.3	1,007	1,493	109	38.4	135				
Pyrene	2,330	40.3	1,007	1,312	101	37.8	134				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2002412-003AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **2/26/2020** RunNo: **57688**
Client ID: **BATCH** Batch ID: **27593** Analysis Date: **2/27/2020** SeqNo: **1151768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,570	40.3	1,007	644.0	92.0	39.2	143				
Chrysene	1,600	40.3	1,007	641.9	95.3	35.9	131				
Benzo(b)fluoranthene	1,500	40.3	1,007	463.6	103	36.3	148				
Benzo(k)fluoranthene	1,620	40.3	1,007	707.4	91.0	31.2	133				
Benzo(a)pyrene	1,650	40.3	1,007	654.4	98.7	35.9	144				
Indeno(1,2,3-cd)pyrene	1,210	40.3	1,007	373.3	82.6	25.3	131				
Dibenz(a,h)anthracene	940	40.3	1,007	156.2	77.8	27.4	132				
Benzo(g,h,i)perylene	1,260	40.3	1,007	472.1	77.8	20.1	128				
Surr: 2-Fluorobiphenyl	433		503.4		86.0	24.4	151				
Surr: Terphenyl-d14 (surr)	579		503.4		115	31.4	162				

Sample ID: **2002412-003AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **2/26/2020** RunNo: **57688**
Client ID: **BATCH** Batch ID: **27593** Analysis Date: **2/27/2020** SeqNo: **1151769**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	708	39.6	990.3	7.518	70.8	37	127	749.3	5.62	30	
2-Methylnaphthalene	739	39.6	990.3	7.103	73.9	38.9	128	767.3	3.77	30	
1-Methylnaphthalene	733	39.6	990.3	0	74.0	36.2	129	777.3	5.90	30	
Acenaphthylene	657	39.6	990.3	6.926	65.6	39	132	700.5	6.43	30	
Acenaphthene	710	39.6	990.3	16.85	70.0	39.5	124	787.9	10.4	30	
Fluorene	657	39.6	990.3	20.31	64.3	38.3	128	765.0	15.1	30	
Phenanthrene	1,110	39.6	990.3	391.0	72.8	29.2	132	1,424	24.6	30	
Anthracene	980	39.6	990.3	141.2	84.6	38.8	128	1,149	15.9	30	
Fluoranthene	2,620	39.6	990.3	1,493	113	38.4	135	2,588	1.06	30	
Pyrene	2,400	39.6	990.3	1,312	110	37.8	134	2,332	2.97	30	
Benz(a)anthracene	1,680	39.6	990.3	644.0	105	39.2	143	1,570	7.04	30	
Chrysene	1,540	39.6	990.3	641.9	90.2	35.9	131	1,602	4.22	30	
Benzo(b)fluoranthene	1,550	39.6	990.3	463.6	110	36.3	148	1,498	3.40	30	
Benzo(k)fluoranthene	1,720	39.6	990.3	707.4	102	31.2	133	1,624	5.53	30	
Benzo(a)pyrene	1,590	39.6	990.3	654.4	94.6	35.9	144	1,648	3.48	30	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2002412-003AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **2/26/2020** RunNo: **57688**
Client ID: **BATCH** Batch ID: **27593** Analysis Date: **2/27/2020** SeqNo: **1151769**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	1,100	39.6	990.3	373.3	73.7	25.3	131	1,205	8.83	30	
Dibenz(a,h)anthracene	842	39.6	990.3	156.2	69.2	27.4	132	940.0	11.0	30	
Benzo(g,h,i)perylene	1,090	39.6	990.3	472.1	62.9	20.1	128	1,255	13.7	30	
Surr: 2-Fluorobiphenyl	399		495.2		80.6	24.4	151		0		
Surr: Terphenyl-d14 (surr)	610		495.2		123	31.4	162		0		

Sample ID: **2002412-003ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **2/26/2020** RunNo: **57688**
Client ID: **BATCH** Batch ID: **27593** Analysis Date: **2/27/2020** SeqNo: **1151770**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	39.5						0		30	
2-Methylnaphthalene	ND	39.5						0		30	
1-Methylnaphthalene	ND	39.5						0		30	
Acenaphthylene	ND	39.5						0		30	
Acenaphthene	ND	39.5						0		30	
Fluorene	ND	39.5						0		30	
Phenanthrene	283	39.5						391.0	32.1	30	R
Anthracene	173	39.5						141.2	20.0	30	
Fluoranthene	970	39.5						1,493	42.4	30	R
Pyrene	847	39.5						1,312	43.1	30	R
Benz(a)anthracene	427	39.5						644.0	40.5	30	R
Chrysene	466	39.5						641.9	31.7	30	R
Benzo(b)fluoranthene	369	39.5						463.6	22.6	30	
Benzo(k)fluoranthene	618	39.5						707.4	13.5	30	
Benzo(a)pyrene	512	39.5						654.4	24.5	30	
Indeno(1,2,3-cd)pyrene	254	39.5						373.3	37.9	30	R
Dibenz(a,h)anthracene	111	39.5						156.2	34.0	30	R
Benzo(g,h,i)perylene	342	39.5						472.1	31.9	30	R
Surr: 2-Fluorobiphenyl	355		493.4		72.1	24.4	151		0		
Surr: Terphenyl-d14 (surr)	568		493.4		115	31.4	162		0		

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2002412-003ADUP**	SampType: **DUP**				Units: **µg/Kg-dry**		Prep Date: **2/26/2020**			RunNo: **57688**		
Client ID: **BATCH**	Batch ID: **27593**						Analysis Date: **2/27/2020**			SeqNo: **1151770**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-27597** SampType: **MBLK** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57693**
Client ID: **MBLKS** Batch ID: **27597** Analysis Date: **2/28/2020** SeqNo: **1151905**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.185									
Barium	ND	0.370									
Cadmium	ND	0.148									
Chromium	ND	0.0741									
Lead	ND	0.148									
Selenium	ND	0.370									
Silver	ND	0.0741									

Sample ID: **LCS-27597** SampType: **LCS** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57693**
Client ID: **LCSS** Batch ID: **27597** Analysis Date: **2/28/2020** SeqNo: **1151906**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	36.5	0.189	37.88	0	96.3	80	120				
Barium	38.2	0.379	37.88	0	101	80	120				
Cadmium	1.88	0.152	1.894	0	99.4	80	120				
Chromium	38.6	0.0758	37.88	0	102	80	120				
Lead	18.3	0.152	18.94	0	96.7	80	120				
Selenium	3.71	0.379	3.788	0	97.9	80	120				
Silver	9.93	0.0758	9.470	0	105	80	120				

Sample ID: **2002406-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57693**
Client ID: **BATCH** Batch ID: **27597** Analysis Date: **2/28/2020** SeqNo: **1151908**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.20	0.241						3.960	5.97	20	
Barium	99.7	0.482						95.43	4.37	20	
Cadmium	ND	0.193						0		20	
Chromium	21.1	0.0964						21.33	1.16	20	
Lead	84.8	0.193						128.2	40.8	20	R
Selenium	0.596	0.482						0.5796	2.86	20	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2002406-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57693**
Client ID: **BATCH**	Batch ID: **27597**		Analysis Date: **2/28/2020**	SeqNo: **1151908**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	0.257	0.0964						0.2098	20.1	20	

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.

Sample ID: **2002406-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57693**
Client ID: **BATCH**	Batch ID: **27597**		Analysis Date: **2/28/2020**	SeqNo: **1151910**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	43.5	0.241	48.20	3.960	82.0	75	125				
Barium	118	0.482	48.20	95.43	47.2	75	125				S
Cadmium	2.47	0.193	2.410	0.1882	94.5	75	125				
Chromium	59.5	0.0964	48.20	21.33	79.2	75	125				
Lead	130	0.193	24.10	128.2	5.56	75	125				ES
Selenium	4.37	0.482	4.820	0.5796	78.7	75	125				
Silver	9.06	0.0964	12.05	0.2098	73.5	75	125				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect (Pb).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2002406-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **2/27/2020**	RunNo: **57693**
Client ID: **BATCH**	Batch ID: **27597**		Analysis Date: **2/28/2020**	SeqNo: **1151911**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	46.4	0.244	48.89	3.960	86.7	75	125	43.50	6.35	20	
Barium	150	0.489	48.89	95.43	111	75	125	118.2	23.6	20	R
Cadmium	2.57	0.196	2.445	0.1882	97.3	75	125	2.466	4.02	20	
Chromium	63.2	0.0978	48.89	21.33	85.7	75	125	59.53	6.03	20	
Lead	134	0.196	24.45	128.2	22.7	75	125	129.6	3.19	20	ES
Selenium	4.75	0.489	4.889	0.5796	85.4	75	125	4.371	8.38	20	
Silver	9.64	0.0978	12.22	0.2098	77.2	75	125	9.061	6.20	20	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2002406-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57693**			
Client ID: **BATCH**	Batch ID: **27597**					Analysis Date: **2/28/2020**		SeqNo: **1151911**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2002406-001APDS**	SampType: **PDS**			Units: **mg/Kg-dry**		Prep Date: **2/27/2020**		RunNo: **57693**			
Client ID: **BATCH**	Batch ID: **27597**					Analysis Date: **2/28/2020**		SeqNo: **1151912**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	149	0.194	24.3	128	86.9	75	125				E

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-27599** SampType: **LCS** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **LCSS** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151519**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.863	0.0200	1.000	0	86.3	21.6	169				
Chloromethane	0.808	0.0500	1.000	0	80.8	45.3	153				
Vinyl chloride	0.851	0.0250	1.000	0	85.1	57.5	137				
Bromomethane	0.931	0.0500	1.000	0	93.1	32.8	194				
Trichlorofluoromethane (CFC-11)	1.07	0.0200	1.000	0	107	54.3	152				
Chloroethane	0.715	0.0500	1.000	0	71.5	52	146				
1,1-Dichloroethene	1.07	0.0200	1.000	0	107	62.8	139				
Methylene chloride	0.901	0.0200	1.000	0	90.1	78.4	118				
trans-1,2-Dichloroethene	0.875	0.0200	1.000	0	87.5	82	117				
Methyl tert-butyl ether (MTBE)	0.870	0.0500	1.000	0	87.0	72.4	122				
1,1-Dichloroethane	0.885	0.0200	1.000	0	88.5	78	119				
cis-1,2-Dichloroethene	0.872	0.0200	1.000	0	87.2	81.9	116				
(MEK) 2-Butanone	2.05	0.250	2.500	0	81.8	57.5	139				
Chloroform	0.886	0.0200	1.000	0	88.6	80.8	117				
1,1,1-Trichloroethane (TCA)	0.892	0.0250	1.000	0	89.2	81.4	117				
1,1-Dichloropropene	0.871	0.0200	1.000	0	87.1	79.9	117				
Carbon tetrachloride	0.894	0.0500	1.000	0	89.4	80.4	117				
1,2-Dichloroethane (EDC)	0.881	0.0200	1.000	0	88.1	77.5	117				
Benzene	0.869	0.0200	1.000	0	86.9	81	116				
Trichloroethene (TCE)	0.888	0.0200	1.000	0	88.8	83.4	115				
1,2-Dichloropropane	0.873	0.0200	1.000	0	87.3	77.6	117				
Bromodichloromethane	0.958	0.0200	1.000	0	95.8	78.9	116				
Dibromomethane	0.890	0.0200	1.000	0	89.0	81.2	115				
cis-1,3-Dichloropropene	0.865	0.0200	1.000	0	86.5	78	115				
Toluene	0.874	0.0200	1.000	0	87.4	82.8	117				
trans-1,3-Dichloropropylene	0.988	0.0200	1.000	0	98.8	75.7	117				
1,1,2-Trichloroethane	0.894	0.0200	1.000	0	89.4	77.9	118				
1,3-Dichloropropane	0.893	0.0250	1.000	0	89.3	77.1	118				
Tetrachloroethene (PCE)	0.876	0.0250	1.000	0	87.6	84.3	117				
Dibromochloromethane	0.994	0.0250	1.000	0	99.4	77.9	118				
1,2-Dibromoethane (EDB)	0.895	0.00500	1.000	0	89.5	78.6	117				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-27599** SampType: **LCS** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **LCSS** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151519**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	0.898	0.0250	1.000	0	89.8	86.5	113				
1,1,1,2-Tetrachloroethane	0.963	0.0250	1.000	0	96.3	84.8	113				
Ethylbenzene	0.924	0.0250	1.000	0	92.4	86.3	115				
m,p-Xylene	1.81	0.0500	2.000	0	90.3	86.8	115				
o-Xylene	0.881	0.0250	1.000	0	88.1	86.2	114				
Styrene	0.893	0.0250	1.000	0	89.3	86	114				
Isopropylbenzene	0.901	0.0250	1.000	0	90.1	85	117				
Bromoform	0.980	0.0500	1.000	0	98.0	70.7	125				
1,1,2,2-Tetrachloroethane	0.923	0.0200	1.000	0	92.3	68.3	125				
n-Propylbenzene	0.955	0.0250	1.000	0	95.5	84.4	119				
Bromobenzene	0.891	0.0200	1.000	0	89.1	84	117				
1,3,5-Trimethylbenzene	0.901	0.0250	1.000	0	90.1	84	118				
2-Chlorotoluene	0.887	0.0250	1.000	0	88.7	80.4	122				
4-Chlorotoluene	0.900	0.0250	1.000	0	90.0	83.1	118				
tert-Butylbenzene	0.893	0.0250	1.000	0	89.3	83.3	117				
1,2,3-Trichloropropane	0.924	0.0250	1.000	0	92.4	71	125				
1,2,4-Trichlorobenzene	0.934	0.0250	1.000	0	93.4	81	126				
sec-Butylbenzene	0.922	0.0500	1.000	0	92.2	82.9	119				
4-Isopropyltoluene	0.915	0.0500	1.000	0	91.5	82.8	119				
1,3-Dichlorobenzene	0.926	0.0200	1.000	0	92.6	90.4	115				
1,4-Dichlorobenzene	0.927	0.0200	1.000	0	92.7	90.3	115				
n-Butylbenzene	0.929	0.0250	1.000	0	92.9	83.6	120				
1,2-Dichlorobenzene	0.937	0.0200	1.000	0	93.7	90.3	115				
1,2-Dibromo-3-chloropropane	1.04	0.500	1.000	0	104	62.3	136				
1,2,4-Trimethylbenzene	0.913	0.0200	1.000	0	91.3	84.1	119				
Hexachloro-1,3-butadiene	0.917	0.0500	1.000	0	91.7	77.8	133				
Naphthalene	0.942	0.0500	1.000	0	94.2	69.6	133				
1,2,3-Trichlorobenzene	0.954	0.0200	1.000	0	95.4	75.9	130				
Surr: Dibromofluoromethane	1.32		1.250		106	80	116				
Surr: Toluene-d8	1.24		1.250		99.5	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.35		1.250		108	82.8	113				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-27599**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **2/27/2020**		RunNo: **57677**			
Client ID: **LCSS**	Batch ID: **27599**					Analysis Date: **2/27/2020**		SeqNo: **1151519**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **MB-27599**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **2/27/2020**		RunNo: **57677**			
Client ID: **MBLKS**	Batch ID: **27599**					Analysis Date: **2/27/2020**		SeqNo: **1151518**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									Q
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
(MEK) 2-Butanone	ND	0.250									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-27599** SampType: **MBLK** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **MBLKS** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151518**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Styrene	ND	0.0250									
Isopropylbenzene	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0250									
Bromobenzene	ND	0.0200									
1,3,5-Trimethylbenzene	ND	0.0250									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
tert-Butylbenzene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0250									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.0200									

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-27599** SampType: **MBLK** Units: **mg/Kg** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **MBLKS** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151518**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	ND	0.0500									
Naphthalene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.26		1.250		101	80	116				
Surr: Toluene-d8	1.26		1.250		101	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.6	82.8	113				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Sample ID: **2002421-011BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **PH-209-1-1.5** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151513**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0232						0		30	
Chloromethane	ND	0.0580						0		30	
Vinyl chloride	ND	0.0290						0		30	
Bromomethane	ND	0.0580						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0232						0		30	
Chloroethane	ND	0.0580						0		30	Q
1,1-Dichloroethene	ND	0.0232						0		30	
Methylene chloride	0.0510	0.0232						0.04321	16.5	30	
trans-1,2-Dichloroethene	ND	0.0232						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0580						0		30	
1,1-Dichloroethane	ND	0.0232						0		30	
cis-1,2-Dichloroethene	ND	0.0232						0		30	
(MEK) 2-Butanone	ND	0.290						0		30	
Chloroform	ND	0.0232						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0290						0		30	
1,1-Dichloropropene	ND	0.0232						0		30	
Carbon tetrachloride	ND	0.0580						0		30	
1,2-Dichloroethane (EDC)	ND	0.0232						0		30	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002421-011BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **PH-209-1-1.5** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151513**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0232						0		30	
Trichloroethene (TCE)	ND	0.0232						0		30	
1,2-Dichloropropane	ND	0.0232						0		30	
Bromodichloromethane	ND	0.0232						0		30	
Dibromomethane	ND	0.0232						0		30	
cis-1,3-Dichloropropene	ND	0.0232						0		30	
Toluene	ND	0.0232						0		30	
trans-1,3-Dichloropropylene	ND	0.0232						0		30	
1,1,2-Trichloroethane	ND	0.0232						0		30	
1,3-Dichloropropane	ND	0.0290						0		30	
Tetrachloroethene (PCE)	0.0526	0.0290						0.04742	10.5	30	
Dibromochloromethane	ND	0.0290						0		30	
1,2-Dibromoethane (EDB)	ND	0.00580						0		30	
Chlorobenzene	ND	0.0290						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0290						0		30	
Ethylbenzene	ND	0.0290						0		30	
m,p-Xylene	ND	0.0580						0		30	
o-Xylene	ND	0.0290						0		30	
Styrene	ND	0.0290						0		30	
Isopropylbenzene	ND	0.0290						0		30	
Bromoform	ND	0.0580						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0232						0		30	
n-Propylbenzene	ND	0.0290						0		30	
Bromobenzene	ND	0.0232						0		30	
1,3,5-Trimethylbenzene	ND	0.0290						0		30	
2-Chlorotoluene	ND	0.0290						0		30	
4-Chlorotoluene	ND	0.0290						0		30	
tert-Butylbenzene	ND	0.0290						0		30	
1,2,3-Trichloropropane	ND	0.0290						0		30	
1,2,4-Trichlorobenzene	ND	0.0290						0		30	
sec-Butylbenzene	ND	0.0580						0		30	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002421-011BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **PH-209-1-1.5** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151513**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	0.0580						0		30	
1,3-Dichlorobenzene	ND	0.0232						0		30	
1,4-Dichlorobenzene	ND	0.0232						0		30	
n-Butylbenzene	ND	0.0290						0		30	
1,2-Dichlorobenzene	ND	0.0232						0		30	
1,2-Dibromo-3-chloropropane	ND	0.580						0		30	
1,2,4-Trimethylbenzene	ND	0.0232						0		30	
Hexachloro-1,3-butadiene	ND	0.0580						0		30	
Naphthalene	ND	0.0580						0		30	
1,2,3-Trichlorobenzene	ND	0.0232						0		30	
Surr: Dibromofluoromethane	1.45		1.450		100	80	116		0		
Surr: Toluene-d8	1.47		1.450		101	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.47		1.450		101	82.8	113		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Sample ID: **2002410-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151509**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.875	0.0201	1.003	0	87.3	-0.64	180				
Chloromethane	0.808	0.0501	1.003	0	80.6	33.2	162				
Vinyl chloride	0.910	0.0251	1.003	0	90.7	47.2	146				
Bromomethane	0.858	0.0501	1.003	0	85.6	18.7	226				
Trichlorofluoromethane (CFC-11)	1.19	0.0201	1.003	0	119	48.9	158				
Chloroethane	0.727	0.0501	1.003	0	72.5	20.8	195				
1,1-Dichloroethene	1.22	0.0201	1.003	0	122	67.1	135				
Methylene chloride	1.01	0.0201	1.003	0	101	64.9	137				
trans-1,2-Dichloroethene	0.994	0.0201	1.003	0	99.2	75.1	126				
Methyl tert-butyl ether (MTBE)	0.989	0.0501	1.003	0	98.6	64.6	133				
1,1-Dichloroethane	0.988	0.0201	1.003	0	98.5	68.4	132				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002410-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151509**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.993	0.0201	1.003	0	99.0	76.2	125				
(MEK) 2-Butanone	2.68	0.251	2.507	0	107	36.6	174				
Chloroform	0.990	0.0201	1.003	0	98.8	74.5	127				
1,1,1-Trichloroethane (TCA)	1.04	0.0251	1.003	0	103	74.5	126				
1,1-Dichloropropene	1.03	0.0201	1.003	0	103	70.7	128				
Carbon tetrachloride	1.04	0.0501	1.003	0	104	72.5	126				
1,2-Dichloroethane (EDC)	0.966	0.0201	1.003	0	96.4	70.4	128				
Benzene	0.982	0.0201	1.003	0	98.0	75.5	125				
Trichloroethene (TCE)	1.04	0.0201	1.003	0	104	64.7	145				
1,2-Dichloropropane	0.982	0.0201	1.003	0	97.9	69.3	129				
Bromodichloromethane	1.05	0.0201	1.003	0	105	75.9	120				
Dibromomethane	0.988	0.0201	1.003	0	98.6	78.5	123				
cis-1,3-Dichloropropene	0.958	0.0201	1.003	0	95.5	67.3	122				
Toluene	0.997	0.0201	1.003	0	99.4	75.3	127				
trans-1,3-Dichloropropylene	1.08	0.0201	1.003	0	108	64.4	124				
1,1,2-Trichloroethane	0.983	0.0201	1.003	0	98.0	72.4	129				
1,3-Dichloropropane	0.992	0.0251	1.003	0	99.0	70.5	128				
Tetrachloroethene (PCE)	1.02	0.0251	1.003	0	102	64.9	140				
Dibromochloromethane	1.07	0.0251	1.003	0	107	71.8	125				
1,2-Dibromoethane (EDB)	0.999	0.00501	1.003	0	99.7	73.8	126				
Chlorobenzene	1.01	0.0251	1.003	0	101	85.1	118				
1,1,1,2-Tetrachloroethane	1.05	0.0251	1.003	0	104	82.2	118				
Ethylbenzene	1.03	0.0251	1.003	0	103	81.9	123				
m,p-Xylene	2.03	0.0501	2.005	0	101	82.3	122				
o-Xylene	1.01	0.0251	1.003	0	101	83.1	120				
Styrene	0.994	0.0251	1.003	0	99.1	79.7	124				
Isopropylbenzene	1.07	0.0251	1.003	0	106	81.1	124				
Bromoform	1.09	0.0501	1.003	0	109	66.1	130				
1,1,2,2-Tetrachloroethane	0.962	0.0201	1.003	0	95.9	41.2	150				
n-Propylbenzene	1.09	0.0251	1.003	0	109	79.3	127				
Bromobenzene	0.996	0.0201	1.003	0	99.3	84.6	121				

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002410-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151509**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	1.02	0.0251	1.003	0	101	80.2	125				
2-Chlorotoluene	0.996	0.0251	1.003	0	99.3	78.4	128				
4-Chlorotoluene	0.990	0.0251	1.003	0	98.7	81.2	123				
tert-Butylbenzene	1.06	0.0251	1.003	0	106	79.2	125				
1,2,3-Trichloropropane	0.989	0.0251	1.003	0	98.6	66.4	132				
1,2,4-Trichlorobenzene	1.19	0.0251	1.003	0	119	68.9	139				
sec-Butylbenzene	1.06	0.0501	1.003	0	106	77	129				
4-Isopropyltoluene	1.04	0.0501	1.003	0	104	77.1	128				
1,3-Dichlorobenzene	1.07	0.0201	1.003	0	107	87.8	120				
1,4-Dichlorobenzene	1.06	0.0201	1.003	0	106	88.1	119				
n-Butylbenzene	1.14	0.0251	1.003	0	114	67.6	137				
1,2-Dichlorobenzene	1.07	0.0201	1.003	0	107	88.1	120				
1,2-Dibromo-3-chloropropane	1.19	0.501	1.003	0	118	56.6	144				
1,2,4-Trimethylbenzene	1.01	0.0201	1.003	0	101	76.3	129				
Hexachloro-1,3-butadiene	1.10	0.0501	1.003	0	110	64.8	148				
Naphthalene	1.22	0.0501	1.003	0	122	54.8	151				
1,2,3-Trichlorobenzene	1.15	0.0201	1.003	0	115	59.3	150				
Surr: Dibromofluoromethane	1.27		1.253		101	80	116				
Surr: Toluene-d8	1.23		1.253		97.9	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.253		105	82.8	113				

Sample ID: **2002410-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151510**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.873	0.0201	1.003	0	87.1	-0.64	180	0.8751	0.242	30	
Chloromethane	0.843	0.0501	1.003	0	84.1	33.2	162	0.8085	4.22	30	
Vinyl chloride	0.929	0.0251	1.003	0	92.7	47.2	146	0.9099	2.10	30	
Bromomethane	0.936	0.0501	1.003	0	93.3	18.7	226	0.8584	8.60	30	
Trichlorofluoromethane (CFC-11)	1.21	0.0201	1.003	0	121	48.9	158	1.189	1.73	30	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002410-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151510**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	0.618	0.0501	1.003	0	61.6	20.8	195	0.7268	16.2	30	
1,1-Dichloroethene	1.27	0.0201	1.003	0	127	67.1	135	1.224	3.67	30	
Methylene chloride	1.01	0.0201	1.003	0	101	64.9	137	1.013	0.0600	30	
trans-1,2-Dichloroethene	1.03	0.0201	1.003	0	103	75.1	126	0.9944	3.44	30	
Methyl tert-butyl ether (MTBE)	1.01	0.0501	1.003	0	100	64.6	133	0.9887	1.83	30	
1,1-Dichloroethane	1.02	0.0201	1.003	0	101	68.4	132	0.9879	2.81	30	
cis-1,2-Dichloroethene	1.02	0.0201	1.003	0	101	76.2	125	0.9927	2.39	30	
(MEK) 2-Butanone	2.73	0.251	2.507	0	109	36.6	174	2.679	0	30	
Chloroform	1.02	0.0201	1.003	0	102	74.5	127	0.9904	3.35	30	
1,1,1-Trichloroethane (TCA)	1.07	0.0251	1.003	0	107	74.5	126	1.036	3.13	30	
1,1-Dichloropropene	1.07	0.0201	1.003	0	106	70.7	128	1.028	3.60	30	
Carbon tetrachloride	1.09	0.0501	1.003	0	108	72.5	126	1.045	3.84	30	
1,2-Dichloroethane (EDC)	0.989	0.0201	1.003	0	98.7	70.4	128	0.9665	2.33	30	
Benzene	1.01	0.0201	1.003	0	101	75.5	125	0.9824	2.87	30	
Trichloroethene (TCE)	1.07	0.0201	1.003	0	107	64.7	145	1.043	2.35	30	
1,2-Dichloropropane	1.01	0.0201	1.003	0	101	69.3	129	0.9817	2.79	30	
Bromodichloromethane	1.09	0.0201	1.003	0	108	75.9	120	1.050	3.45	30	
Dibromomethane	1.01	0.0201	1.003	0	101	78.5	123	0.9883	2.07	30	
cis-1,3-Dichloropropene	0.992	0.0201	1.003	0	99.0	67.3	122	0.9578	3.55	30	
Toluene	1.03	0.0201	1.003	0	102	75.3	127	0.9969	2.89	30	
trans-1,3-Dichloropropylene	1.11	0.0201	1.003	0	111	64.4	124	1.079	2.76	30	
1,1,2-Trichloroethane	1.00	0.0201	1.003	0	99.8	72.4	129	0.9831	1.76	30	
1,3-Dichloropropane	1.02	0.0251	1.003	0	102	70.5	128	0.9924	2.59	30	
Tetrachloroethene (PCE)	1.05	0.0251	1.003	0	105	64.9	140	1.021	2.77	30	
Dibromochloromethane	1.11	0.0251	1.003	0	110	71.8	125	1.070	3.30	30	
1,2-Dibromoethane (EDB)	1.02	0.00501	1.003	0	102	73.8	126	0.9994	2.03	30	
Chlorobenzene	1.05	0.0251	1.003	0	105	85.1	118	1.012	3.51	30	
1,1,1,2-Tetrachloroethane	1.09	0.0251	1.003	0	108	82.2	118	1.046	3.77	30	
Ethylbenzene	1.07	0.0251	1.003	0	107	81.9	123	1.033	3.96	30	
m,p-Xylene	2.11	0.0501	2.005	0	105	82.3	122	2.029	3.94	30	
o-Xylene	1.05	0.0251	1.003	0	105	83.1	120	1.013	3.46	30	

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002410-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/27/2020** SeqNo: **1151510**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	1.02	0.0251	1.003	0	102	79.7	124	0.9941	2.86	30	
Isopropylbenzene	1.10	0.0251	1.003	0	110	81.1	124	1.066	3.37	30	
Bromoform	1.13	0.0501	1.003	0	112	66.1	130	1.089	3.45	30	
1,1,2,2-Tetrachloroethane	0.999	0.0201	1.003	0	99.6	41.2	150	0.9617	3.78	30	
n-Propylbenzene	1.13	0.0251	1.003	0	113	79.3	127	1.092	3.72	30	
Bromobenzene	1.04	0.0201	1.003	0	104	84.6	121	0.9962	4.11	30	
1,3,5-Trimethylbenzene	1.05	0.0251	1.003	0	105	80.2	125	1.018	3.51	30	
2-Chlorotoluene	1.04	0.0251	1.003	0	103	78.4	128	0.9958	3.89	30	
4-Chlorotoluene	1.03	0.0251	1.003	0	103	81.2	123	0.9900	4.14	30	
tert-Butylbenzene	1.09	0.0251	1.003	0	109	79.2	125	1.058	3.01	30	
1,2,3-Trichloropropane	1.02	0.0251	1.003	0	102	66.4	132	0.9886	2.91	30	
1,2,4-Trichlorobenzene	1.24	0.0251	1.003	0	123	68.9	139	1.190	3.69	30	
sec-Butylbenzene	1.10	0.0501	1.003	0	110	77	129	1.064	3.34	30	
4-Isopropyltoluene	1.08	0.0501	1.003	0	108	77.1	128	1.042	3.78	30	
1,3-Dichlorobenzene	1.11	0.0201	1.003	0	110	87.8	120	1.074	2.97	30	
1,4-Dichlorobenzene	1.10	0.0201	1.003	0	110	88.1	119	1.061	3.51	30	
n-Butylbenzene	1.18	0.0251	1.003	0	117	67.6	137	1.143	2.87	30	
1,2-Dichlorobenzene	1.10	0.0201	1.003	0	110	88.1	120	1.074	2.80	30	
1,2-Dibromo-3-chloropropane	1.21	0.501	1.003	0	121	56.6	144	1.187	2.02	30	
1,2,4-Trimethylbenzene	1.05	0.0201	1.003	0	105	76.3	129	1.014	3.84	30	
Hexachloro-1,3-butadiene	1.13	0.0501	1.003	0	113	64.8	148	1.099	3.09	30	
Naphthalene	1.27	0.0501	1.003	0	127	54.8	151	1.223	3.76	30	
1,2,3-Trichlorobenzene	1.20	0.0201	1.003	0	120	59.3	150	1.153	4.06	30	
Surr: Dibromofluoromethane	1.27		1.253		102	80	116		0		
Surr: Toluene-d8	1.23		1.253		97.9	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.253		107	82.8	113		0		

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002406-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/28/2020** SeqNo: **1151507**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.300						0		30	D
Chloromethane	ND	0.750						0		30	D
Vinyl chloride	ND	0.375						0		30	D
Bromomethane	ND	0.750						0		30	D
Trichlorofluoromethane (CFC-11)	ND	0.300						0		30	D
Chloroethane	ND	0.750						0		30	DQ
1,1-Dichloroethene	ND	0.300						0		30	D
Methylene chloride	ND	0.300						0		30	D
trans-1,2-Dichloroethene	ND	0.300						0		30	D
Methyl tert-butyl ether (MTBE)	ND	0.750						0		30	D
1,1-Dichloroethane	ND	0.300						0		30	D
cis-1,2-Dichloroethene	ND	0.300						0		30	D
(MEK) 2-Butanone	ND	3.75						0		30	D
Chloroform	ND	0.300						0		30	D
1,1,1-Trichloroethane (TCA)	ND	0.375						0		30	D
1,1-Dichloropropene	ND	0.300						0		30	D
Carbon tetrachloride	ND	0.750						0		30	D
1,2-Dichloroethane (EDC)	ND	0.300						0		30	D
Benzene	ND	0.300						0		30	D
Trichloroethene (TCE)	ND	0.300						0		30	D
1,2-Dichloropropane	ND	0.300						0		30	D
Bromodichloromethane	ND	0.300						0		30	D
Dibromomethane	ND	0.300						0		30	D
cis-1,3-Dichloropropene	ND	0.300						0		30	D
Toluene	ND	0.300						0		30	D
trans-1,3-Dichloropropylene	ND	0.300						0		30	D
1,1,2-Trichloroethane	ND	0.300						0		30	D
1,3-Dichloropropane	ND	0.375						0		30	D
Tetrachloroethene (PCE)	ND	0.375						0		30	D
Dibromochloromethane	ND	0.375						0		30	D
1,2-Dibromoethane (EDB)	ND	0.0750						0		30	D

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002406-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **2/27/2020** RunNo: **57677**
Client ID: **BATCH** Batch ID: **27599** Analysis Date: **2/28/2020** SeqNo: **1151507**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.375						0		30	D
1,1,1,2-Tetrachloroethane	ND	0.375						0		30	D
Ethylbenzene	1.30	0.375						1.295	0.335	30	D
m,p-Xylene	1.70	0.750						1.711	0.338	30	D
o-Xylene	0.702	0.375						0.7031	0.101	30	D
Styrene	ND	0.375						0		30	D
Isopropylbenzene	ND	0.375						0		30	D
Bromoform	ND	0.750						0		30	D
1,1,2,2-Tetrachloroethane	ND	0.300						0		30	D
n-Propylbenzene	ND	0.375						0		30	D
Bromobenzene	ND	0.300						0		30	D
1,3,5-Trimethylbenzene	0.995	0.375						0.9686	2.64	30	D
2-Chlorotoluene	ND	0.375						0		30	D
4-Chlorotoluene	ND	0.375						0		30	D
tert-Butylbenzene	ND	0.375						0		30	D
1,2,3-Trichloropropane	ND	0.375						0		30	D
1,2,4-Trichlorobenzene	ND	0.375						0		30	D
sec-Butylbenzene	ND	0.750						0		30	D
4-Isopropyltoluene	ND	0.750						0		30	D
1,3-Dichlorobenzene	ND	0.300						0		30	D
1,4-Dichlorobenzene	ND	0.300						0		30	D
n-Butylbenzene	ND	0.375						0		30	D
1,2-Dichlorobenzene	ND	0.300						0		30	D
1,2-Dibromo-3-chloropropane	ND	7.50						0		30	D
1,2,4-Trimethylbenzene	1.61	0.300						1.473	8.79	30	D
Hexachloro-1,3-butadiene	ND	0.750						0		30	D
Naphthalene	96.0	0.750						93.64	2.43	30	D
1,2,3-Trichlorobenzene	ND	0.300						0		30	D
Surr: Dibromofluoromethane	18.7		18.75		99.6	80	116		0		D
Surr: Toluene-d8	18.5		18.75		98.4	84.8	113		0		D
Surr: 1-Bromo-4-fluorobenzene	20.0		18.75		106	82.8	113		0		D

Work Order: 2002421
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2002406-001BDUP**	SampType: **DUP**				Units: **mg/Kg-dry**		Prep Date: **2/27/2020**			RunNo: **57677**		
Client ID: **BATCH**	Batch ID: **27599**						Analysis Date: **2/28/2020**			SeqNo: **1151507**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2002421**
Logged by:	**Clare Griggs**	Date Received:	**2/25/2020 2:11:00 PM**

Chain of Custody

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

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 Required ☑
6.	Was an attempt made to cool the samples?	Yes ☐	No ☑	NA ☐
		Unknown prior to receipt.		
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☐	No ☑	NA ☐
		Refer to item information.		
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:	Vance	Date:	3/10/2020
By Whom:	Clare Griggs	Via:	☐ eMail ☑ Phone ☐ Fax ☐ In Person
Regarding:	Dx add-on will be out of hold		
Client Instructions:	Proceed		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	10.7
Sample	10.8

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/2020 Page: 1 of: 3

Laboratory Project No (internal): 2002421

Special Remarks:

Project Name: F200

Project No: 2021

Client: OSG

Collected by:

Address:

Location: FL209

City, State, Zip:

Report To (PM): Vance

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH-209-5-3	2/25/20	1015	S					X									
2	PH-209-6-3		1020	S					X									
3	PH-209-7-3		1025	S					X									
4	PH-209-8-3		1030	S					X									
5	PH-209-5-5		1040	S														
6	PH-209-6-5		1045	S														
7	PH-209-7-5		1050	S														
8	PH-209-8-5		1055	S														
9	PH-209-9-5		1005	S					X									
10	PH-209-9-10	↓	1010	S														

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x	Date/Time 2/25/2020 210	Received x	Date/Time 2/25/20 1711
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/20 Page: 2 of: 3

Laboratory Project No (internal): 2002421

Project Name: L200

Special Remarks:

Project No: D021

Collected by: ATKINS

Location: FL209

Client:

Address:

City, State, Zip:

Report To (PM):

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH209-1-1.5	2/25/20	700	S				X		X		X		X				
2	PH209-1-3		905															
3	PH209-2-1.5		925									X						
4	PH209-2-3		930															
5	PH209-3-1.5		945									X						
6	PH209-3-3		950															
7	PH209-4-1.5		955									X						
8	PH209-4-3		1000					X		X				X				
9	PH209-11-5		1110							X								
10	PH209-11-10		1115	↓						X				X				

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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Relinquished x _____ Date/Time 2/25/2020 2100

Relinquished x _____ Date/Time

Received x _____ Date/Time 2/25/20 1411

Received x _____ Date/Time

Turn-around Time:

- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

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3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/2020 Page: 3 of: 3

Project Name: F200

Project No: 2021

Collected by:

Location: FL209

Report To (PM): Vance

PM Email:

Laboratory Project No (internal): 2007421

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: OSL

Address:

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH-209-10-5	2/25/20	1035	S					X										
2	PH-209-12-5	2/25/20	1240	S					X										
3	PH-209-12-7	2/25/20	1245	S					X										
4	PH-209-13-5	2/25/20	115	S					X										
5	PH-209-13-10	2/25/20	120	S					X										
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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Relinquished x _____ Date/Time 2/25/2020 210

Relinquished x _____ Date/Time

Received x _____ Date/Time 2/25/20 1411

Received x _____ Date/Time

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/20 Page: 2 of: 3

Laboratory Project No (internal): 2002421

Project Name: L200

Project No: D021

Collected by: ATKINS

Location: FL209

Report To (PM):

PM Email:

Special Remarks:

Edit by CRT 3/4 per VA

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client:

Address:

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH209-1-1.5	2/25/20	700	S	X			X		X	X		X						
2	PH209-1-3		905		X						X								
3	PH209-2-1.5		925																
4	PH209-2-3		930								X								
5	PH209-3-1.5		945																
6	PH209-3-3		950								X								
7	PH209-4-1.5		955																
8	PH209-4-3		1000					X		X			X						
9	PH209-11-5		1110							X									
10	PH209-11-10		1115	↓						X			X						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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Relinquished x [signature] Date/Time 2/25/2020 2100

Relinquished x Date/Time

Received x [signature] Date/Time 2/25/20 1411

Received x Date/Time

Turn-around Time:

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- ☐ 3 Day
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- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

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Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/2020 Page: 1 of: 3

Laboratory Project No (internal): 2002421

Project Name: F200

Special Remarks: ⊗Acid per N.A. 3/10/20 cg

Project No: 2021

Client: OSG

Collected by:

Address:

Location: FL209

City, State, Zip:

Report To (PM): Vance

Telephone:

PM Email:

Fax:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH-209-5-3	2/25/20	1015	S					X										
2	PH-209-6-3		1020	S					X										
3	PH-209-7-3		1025	S					X										
4	PH-209-8-3		~~1030~~	S					X										
5	PH-209-5-5		1040	S															
6	PH-209-6-5		1045	S															
7	PH-209-7-5		1050	S															
8	PH-209-8-5		1055	S					⊗										
9	PH-209-9-5		1005	S					X										
10	PH-209-9-10	↓	1010	S															

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Relinquished x [signature] Date/Time 2/25/2020 210

Relinquished x Date/Time

Received x [signature] Date/Time 2/25/20 1711

Received x Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/25/20 Page: 1 of 3

Laboratory Project No (internal): 2002421

Project Name: L200

Project No: D021

Collected by: ATK

Location: FL209

Special Remarks: Edit by CET 3/4 per VA

Sample Disposal: ☐ Return to client ☐ Disposal by fab (after 30 days)

Report To (PM):

PM Email:

Client:

Address:

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GRO)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DRO)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (504.1)	MEK	Comments
1	PH209-1-1.5	2/25/20	900	S	X			X		X		X						X	Add per V.A. 4/23/20 cg
2	PH209-1-3		905		X						X							X	
3	PH209-2-1.5		925																
4	PH209-2-3		930								X								
5	PH209-3-1.5		945																
6	PH209-3-3		950								X								
7	PH209-4-1.5		955																
8	PH209-4-3		1000		X			X		X			X						
9	PH209-11-5		1110							X									
10	PH209-11-10		1115	↓						X			X						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day (specify)

Relinquished	Date/Time	Received	Date/Time
x	2/25/2020 21:0	x	2/25/20 14:1
Relinquished	Date/Time	Received	Date/Time
x		x	

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2002453

March 04, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 1 sample(s) on 2/26/2020 for the analyses presented in the following report.

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

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

Date: *03/04/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2002453

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2002453-001	PH209-14-1	02/26/2020 8:20 AM	02/26/2020 2:42 PM

Case Narrative

WO#: **2002453**
Date: **3/4/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2002453**
Date Reported: **3/4/2020**

Client: O'Neill Service Group
Project: F200
Lab ID: 2002453-001
Client Sample ID: **PH209-14-1**

Collection Date: 2/26/2020 8:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Metals by EPA Method 6020B				Batch ID: 27644		Analyst: CO
Lead	37.9	0.181		mg/Kg-dry	1	3/3/2020 3:43:57 PM
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 27645		Analyst: CO
Lead	ND	0.200		mg/L	1	3/3/2020 2:32:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R57702		Analyst: SBM
Percent Moisture	13.9	0.500		wt%	1	3/2/2020 9:13:25 AM

Work Order: 2002453
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID: **MB-27645**	SampType: **MBLK**			Units: **mg/L**		Prep Date: **3/3/2020**			RunNo: **57753**		
Client ID: **MBLKS**	Batch ID: **27645**					Analysis Date: **3/3/2020**			SeqNo: **1153327**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200									

Sample ID: **LCS-27645**	SampType: **LCS**			Units: **mg/L**		Prep Date: **3/3/2020**			RunNo: **57753**		
Client ID: **LCSS**	Batch ID: **27645**					Analysis Date: **3/3/2020**			SeqNo: **1153328**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.31	0.200	2.500	0	92.5	65	135				

Sample ID: **2002407-001ADUP**	SampType: **DUP**			Units: **mg/L**		Prep Date: **3/3/2020**			RunNo: **57753**		
Client ID: **BATCH**	Batch ID: **27645**					Analysis Date: **3/3/2020**			SeqNo: **1153330**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200						0		30	

Sample ID: **2002407-001AMS**	SampType: **MS**			Units: **mg/L**		Prep Date: **3/3/2020**			RunNo: **57753**		
Client ID: **BATCH**	Batch ID: **27645**					Analysis Date: **3/3/2020**			SeqNo: **1153331**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.32	0.200	2.500	0	92.6	65	135				

Sample ID: **2002407-001AMSD**	SampType: **MSD**			Units: **mg/L**		Prep Date: **3/3/2020**			RunNo: **57753**		
Client ID: **BATCH**	Batch ID: **27645**					Analysis Date: **3/3/2020**			SeqNo: **1153332**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.37	0.200	2.500	0	94.7	65	135	2.316	2.14	30	

Work Order: 2002453
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-27644**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **3/3/2020**		RunNo: **57763**		
Client ID: **MBLKS**	Batch ID: **27644**					Analysis Date: **3/3/2020**		SeqNo: **1153513**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.157									

Sample ID: **LCS-27644**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **3/3/2020**		RunNo: **57763**		
Client ID: **LCSS**	Batch ID: **27644**					Analysis Date: **3/3/2020**		SeqNo: **1153514**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	18.6	0.156	19.53	0	95.1	80	120				

Sample ID: **2002384-067ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **3/3/2020**		RunNo: **57763**		
Client ID: **BATCH**	Batch ID: **27644**					Analysis Date: **3/3/2020**		SeqNo: **1153516**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	76.8	0.182						73.77	4.09	20	

Sample ID: **2002384-067AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **3/3/2020**		RunNo: **57763**		
Client ID: **BATCH**	Batch ID: **27644**					Analysis Date: **3/3/2020**		SeqNo: **1153518**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	96.0	0.181	22.58	73.77	98.6	75	125				

Sample ID: **2002384-067AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **3/3/2020**		RunNo: **57763**		
Client ID: **BATCH**	Batch ID: **27644**					Analysis Date: **3/3/2020**		SeqNo: **1153519**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	76.1	0.182	22.76	73.77	10.2	75	125	96.02	23.2	20	RS

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
R - High RPD observed, spike recovery is within range.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2002453**
Logged by:	**Carissa True**	Date Received:	**2/26/2020 2:42:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☐	No ☑	NA ☐
		No cooler present		
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 Required ☑
6.	Was an attempt made to cool the samples?	Yes ☐	No ☑	NA ☐
		Unknown prior to receipt		
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☐	No ☑	NA ☐
		Please refer to item information		
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:	Vance Atkins	Date:	2/27/2020
By Whom:	Carissa True	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirm analyses		
Client Instructions:	Total and TCLP Pb, sample name should be PH209-14-1		

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	17.9

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/26/20 | Page: 1 of: 1

Laboratory Project No (internal): 2002453

Project Name: FL09

Project No: 2021

Client: OSG

Address:

City, State, Zip:

Telephone:

Fax:

Collected by: ATK

Location: FL209

Report To (PM): ATK

PM Email:

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	TCLP Pb				Comments
1	FH209-13-1	2/26/20	820	S										X			X					
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	2/26/2020 1442	x	2/26/2020 1442
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 2/26/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2002453

Special Remarks: edits per VA 2/27/2020 mb

Project Name: F209

Project No: 2021

Client: OSG

Address:

City, State, Zip:

Telephone:

Fax:

Collected by: ATK

Location: FL209

Report To (PM): ATK

PM Email:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	TCLP Pb				Comments
1	PH209-14-1	2/26/20	820	S										X				X				
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	2/26/2020 1442	x	2/26/2020 1442
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2004072

April 14, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 10 sample(s) on 4/6/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

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

Date: *04/14/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2004072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2004072-001	PH209-14-6	04/06/2020 1:05 PM	04/06/2020 4:58 PM
2004072-002	PH209-14-10	04/06/2020 1:10 PM	04/06/2020 4:58 PM
2004072-003	PH209-14-15	04/06/2020 1:25 PM	04/06/2020 4:58 PM
2004072-004	PH209-15-5	04/06/2020 1:50 PM	04/06/2020 4:58 PM
2004072-005	PH209-15-10	04/06/2020 2:00 PM	04/06/2020 4:58 PM
2004072-006	PH209-16-6	04/06/2020 2:15 PM	04/06/2020 4:58 PM
2004072-007	PH209-16-10	04/06/2020 2:20 PM	04/06/2020 4:58 PM
2004072-008	PH209-17-5	04/06/2020 2:35 PM	04/06/2020 4:58 PM
2004072-009	PH209-17-10	04/06/2020 2:40 PM	04/06/2020 4:58 PM
2004072-010	PH209-17-15	04/06/2020 2:55 PM	04/06/2020 4:58 PM

Case Narrative

WO#: **2004072**
Date: **4/14/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:05:00 PM
Project: F200
Lab ID: 2004072-001
Matrix: Soil
Client Sample ID: **PH209-14-6**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28024 Analyst: CR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Chloromethane	ND	0.0531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Vinyl chloride	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Bromomethane	ND	0.0531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Trichlorofluoromethane (CFC-11)	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Chloroethane	ND	0.0531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Methylene chloride	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1-Dichloroethane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Chloroform	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1,1-Trichloroethane (TCA)	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1-Dichloropropene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Carbon tetrachloride	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2-Dichloroethane (EDC)	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2-Dichloropropane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Bromodichloromethane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Dibromomethane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
cis-1,3-Dichloropropene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
trans-1,3-Dichloropropylene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1,2-Trichloroethane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,3-Dichloropropane	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Tetrachloroethene (PCE)	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Dibromochloromethane	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2-Dibromoethane (EDB)	ND	0.00531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Chlorobenzene	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1,1,2-Tetrachloroethane	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Bromoform	ND	0.0531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,1,2,2-Tetrachloroethane	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Bromobenzene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
2-Chlorotoluene	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
4-Chlorotoluene	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2,3-Trichloropropane	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2,4-Trichlorobenzene	ND	0.0265		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,3-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,4-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2-Dichlorobenzene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM

Analytical Report

Work Order: **2004072**
Date Reported: **4/14/2020**

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:05:00 PM
Project: F200
Lab ID: 2004072-001
Matrix: Soil
Client Sample ID: **PH209-14-6**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28024		Analyst: CR
1,2-Dibromo-3-chloropropane	ND	0.531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Hexachloro-1,3-butadiene	ND	0.0531		mg/Kg-dry	1	4/9/2020 1:31:48 PM
1,2,3-Trichlorobenzene	ND	0.0212		mg/Kg-dry	1	4/9/2020 1:31:48 PM
Surr: Dibromofluoromethane	98.5	80 - 116		%Rec	1	4/9/2020 1:31:48 PM
Surr: Toluene-d8	98.4	84.8 - 113		%Rec	1	4/9/2020 1:31:48 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	82.8 - 113		%Rec	1	4/9/2020 1:31:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	9.76	0.500		wt%	1	4/9/2020 8:30:19 AM

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:10:00 PM
Project: F200
Lab ID: 2004072-002
Matrix: Soil
Client Sample ID: PH209-14-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	1,050	20.4		mg/Kg-dry	1	4/9/2020 5:11:58 AM
Heavy Oil	ND	50.9		mg/Kg-dry	1	4/9/2020 5:11:58 AM
Surr: 2-Fluorobiphenyl	127	50 - 150		%Rec	1	4/9/2020 5:11:58 AM
Surr: o-Terphenyl	98.4	50 - 150		%Rec	1	4/9/2020 5:11:58 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	5.43		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Surr: Toluene-d8	96.6	65 - 135		%Rec	1	4/9/2020 2:32:03 PM
Surr: 4-Bromofluorobenzene	118	65 - 135		%Rec	1	4/9/2020 2:32:03 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28024		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Chloromethane	ND	0.0543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Vinyl chloride	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Bromomethane	ND	0.0543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Trichlorofluoromethane (CFC-11)	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Chloroethane	ND	0.0543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1-Dichloroethene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Methylene chloride	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
trans-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1-Dichloroethane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
cis-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Chloroform	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1,1-Trichloroethane (TCA)	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1-Dichloropropene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Carbon tetrachloride	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2-Dichloroethane (EDC)	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Trichloroethene (TCE)	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2-Dichloropropane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Bromodichloromethane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Dibromomethane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
cis-1,3-Dichloropropene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
trans-1,3-Dichloropropylene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1,2-Trichloroethane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,3-Dichloropropane	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Tetrachloroethene (PCE)	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Dibromochloromethane	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:10:00 PM
Project: F200
Lab ID: 2004072-002
Matrix: Soil
Client Sample ID: **PH209-14-10**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28024		Analyst: CR
1,2-Dibromoethane (EDB)	ND	0.00543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Chlorobenzene	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1,1,2-Tetrachloroethane	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Bromoform	ND	0.0543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,1,2,2-Tetrachloroethane	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Bromobenzene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
2-Chlorotoluene	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
4-Chlorotoluene	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2,3-Trichloropropane	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2,4-Trichlorobenzene	ND	0.0271		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,3-Dichlorobenzene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,4-Dichlorobenzene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2-Dichlorobenzene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2-Dibromo-3-chloropropane	ND	0.543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Hexachloro-1,3-butadiene	ND	0.0543		mg/Kg-dry	1	4/9/2020 2:32:03 PM
1,2,3-Trichlorobenzene	ND	0.0217		mg/Kg-dry	1	4/9/2020 2:32:03 PM
Surr: Dibromofluoromethane	105	80 - 116		%Rec	1	4/9/2020 2:32:03 PM
Surr: Toluene-d8	98.2	84.8 - 113		%Rec	1	4/9/2020 2:32:03 PM
Surr: 1-Bromo-4-fluorobenzene	102	82.8 - 113		%Rec	1	4/9/2020 2:32:03 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	10.9	0.500		wt%	1	4/9/2020 8:30:19 AM

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:25:00 PM
Project: F200
Lab ID: 2004072-003
Matrix: Soil
Client Sample ID: PH209-14-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	6,640	207	D	mg/Kg-dry	10	4/9/2020 1:11:01 PM
Heavy Oil	ND	51.9		mg/Kg-dry	1	4/9/2020 5:41:45 AM
Surr: 2-Fluorobiphenyl	129	50 - 150		%Rec	1	4/9/2020 5:41:45 AM
Surr: o-Terphenyl	108	50 - 150		%Rec	1	4/9/2020 5:41:45 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	5.09		mg/Kg-dry	1	4/9/2020 10:04:02 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	4/9/2020 10:04:02 PM
Surr: 4-Bromofluorobenzene	241	65 - 135	S	%Rec	1	4/9/2020 10:04:02 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28024		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Chloromethane	ND	0.509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Vinyl chloride	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Bromomethane	ND	0.509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Trichlorofluoromethane (CFC-11)	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Chloroethane	ND	0.509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1-Dichloroethene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Methylene chloride	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
trans-1,2-Dichloroethene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1-Dichloroethane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
cis-1,2-Dichloroethene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Chloroform	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1,1-Trichloroethane (TCA)	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1-Dichloropropene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Carbon tetrachloride	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2-Dichloroethane (EDC)	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Trichloroethene (TCE)	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2-Dichloropropane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Bromodichloromethane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Dibromomethane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
cis-1,3-Dichloropropene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
trans-1,3-Dichloropropylene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1,2-Trichloroethane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Client: O'Neill Service Group
Collection Date: 4/6/2020 1:25:00 PM
Project: F200
Lab ID: 2004072-003
Matrix: Soil
Client Sample ID: PH209-14-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28024		Analyst: CR
1,3-Dichloropropane	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Tetrachloroethene (PCE)	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Dibromochloromethane	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2-Dibromoethane (EDB)	ND	0.0509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Chlorobenzene	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1,1,2-Tetrachloroethane	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Bromoform	ND	0.509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,1,2,2-Tetrachloroethane	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Bromobenzene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
2-Chlorotoluene	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
4-Chlorotoluene	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2,3-Trichloropropane	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2,4-Trichlorobenzene	ND	0.255	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,3-Dichlorobenzene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,4-Dichlorobenzene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2-Dichlorobenzene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2-Dibromo-3-chloropropane	ND	5.09	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Hexachloro-1,3-butadiene	ND	0.509	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
1,2,3-Trichlorobenzene	ND	0.204	D	mg/Kg-dry	10	4/9/2020 10:04:02 PM
Surr: Dibromofluoromethane	109	80 - 116	D	%Rec	10	4/9/2020 10:04:02 PM
Surr: Toluene-d8	101	84.8 - 113	D	%Rec	10	4/9/2020 10:04:02 PM
Surr: 1-Bromo-4-fluorobenzene	105	82.8 - 113	D	%Rec	10	4/9/2020 10:04:02 PM

NOTES:
Diluted due to matrix.

Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	8.46	0.500		wt%	1	4/9/2020 8:30:19 AM

Analytical Report

Work Order: **2004072**
Date Reported: **4/14/2020**

Client: O'Neill Service Group
Collection Date: 4/6/2020 2:00:00 PM
Project: F200
Lab ID: 2004072-005
Matrix: Soil
Client Sample ID: **PH209-15-10**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	ND	22.1		mg/Kg-dry	1	4/9/2020 6:11:31 AM
Heavy Oil	ND	55.2		mg/Kg-dry	1	4/9/2020 6:11:31 AM
Surr: 2-Fluorobiphenyl	94.2	50 - 150		%Rec	1	4/9/2020 6:11:31 AM
Surr: o-Terphenyl	99.8	50 - 150		%Rec	1	4/9/2020 6:11:31 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	5.74		mg/Kg-dry	1	4/9/2020 3:02:09 PM
Gasoline Range Organics (C6-C12)	5.76	5.74		mg/Kg-dry	1	4/9/2020 3:02:09 PM
Surr: Toluene-d8	97.6	65 - 135		%Rec	1	4/9/2020 3:02:09 PM
Surr: 4-Bromofluorobenzene	91.1	65 - 135		%Rec	1	4/9/2020 3:02:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	9.51	0.500		wt%	1	4/9/2020 8:30:19 AM

NOTES:
GRO - Indicates the presence of non-target compounds eluting from hexane to dodecane (~C6-C12).

Analytical Report

Work Order: **2004072**
Date Reported: **4/14/2020**

Client: O'Neill Service Group
Collection Date: 4/6/2020 2:20:00 PM
Project: F200
Lab ID: 2004072-007
Matrix: Soil
Client Sample ID: **PH209-16-10**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	ND	19.5		mg/Kg-dry	1	4/9/2020 6:41:17 AM
Heavy Oil	ND	48.9		mg/Kg-dry	1	4/9/2020 6:41:17 AM
Surr: 2-Fluorobiphenyl	96.4	50 - 150		%Rec	1	4/9/2020 6:41:17 AM
Surr: o-Terphenyl	102	50 - 150		%Rec	1	4/9/2020 6:41:17 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	7.33		mg/Kg-dry	1	4/9/2020 3:32:16 PM
Surr: Toluene-d8	96.9	65 - 135		%Rec	1	4/9/2020 3:32:16 PM
Surr: 4-Bromofluorobenzene	90.6	65 - 135		%Rec	1	4/9/2020 3:32:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	9.35	0.500		wt%	1	4/9/2020 8:30:19 AM

Analytical Report

Work Order: **2004072**
Date Reported: **4/14/2020**

Client: O'Neill Service Group
Collection Date: 4/6/2020 2:40:00 PM
Project: F200
Lab ID: 2004072-009
Matrix: Soil
Client Sample ID: **PH209-17-10**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	4,260	198	D	mg/Kg-dry	10	4/9/2020 1:41:04 PM
Heavy Oil	ND	49.4		mg/Kg-dry	1	4/9/2020 7:11:04 AM
Surr: 2-Fluorobiphenyl	82.3	50 - 150		%Rec	1	4/9/2020 7:11:04 AM
Surr: o-Terphenyl	69.7	50 - 150		%Rec	1	4/9/2020 7:11:04 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	4.73		mg/Kg-dry	1	4/9/2020 10:34:11 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	4/9/2020 10:34:11 PM
Surr: 4-Bromofluorobenzene	205	65 - 135	S	%Rec	1	4/9/2020 10:34:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	8.69	0.500		wt%	1	4/9/2020 8:30:19 AM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Analytical Report

Work Order: **2004072**
Date Reported: **4/14/2020**

Client: O'Neill Service Group
Collection Date: 4/6/2020 2:55:00 PM
Project: F200
Lab ID: 2004072-010
Matrix: Soil
Client Sample ID: **PH209-17-15**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28007		Analyst: DW
Diesel (Fuel Oil)	4,230	223	D	mg/Kg-dry	10	4/9/2020 2:11:01 PM
Heavy Oil	ND	55.8		mg/Kg-dry	1	4/9/2020 7:40:53 AM
Surr: 2-Fluorobiphenyl	138	50 - 150		%Rec	1	4/9/2020 7:40:53 AM
Surr: o-Terphenyl	106	50 - 150		%Rec	1	4/9/2020 7:40:53 AM
Gasoline by NWTPH-Gx				Batch ID: 28024		Analyst: CR
Gasoline	ND	5.31		mg/Kg-dry	1	4/9/2020 11:04:19 PM
Surr: Toluene-d8	98.8	65 - 135		%Rec	1	4/9/2020 11:04:19 PM
Surr: 4-Bromofluorobenzene	168	65 - 135	S	%Rec	1	4/9/2020 11:04:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R58512		Analyst: EH
Percent Moisture	10.7	0.500		wt%	1	4/9/2020 8:30:19 AM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **LCS-28007**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **LCSS**	Batch ID: **28007**		Analysis Date: **4/8/2020**	SeqNo: **1169213**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	508	20.0	500.0	0	102	65	135				
Surr: 2-Fluorobiphenyl	19.3		20.00		96.5	50	150				
Surr: o-Terphenyl	18.9		20.00		94.7	50	150				

Sample ID: **MB-28007**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **MBLKS**	Batch ID: **28007**		Analysis Date: **4/8/2020**	SeqNo: **1169214**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.9		20.00		84.4	50	150				
Surr: o-Terphenyl	18.5		20.00		92.6	50	150				

Sample ID: **2004071-009ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **BATCH**	Batch ID: **28007**		Analysis Date: **4/9/2020**	SeqNo: **1169221**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.7						0		30	
Heavy Oil	1,570	49.4						1,323	17.3	30	
Surr: 2-Fluorobiphenyl	22.6		19.75		114	50	150		0		
Surr: o-Terphenyl	23.1		19.75		117	50	150		0		

Sample ID: **2004071-009AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **BATCH**	Batch ID: **28007**		Analysis Date: **4/9/2020**	SeqNo: **1169223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	514	20.6	514.4	7.069	98.6	65	135	612.1	17.4	30	
Surr: 2-Fluorobiphenyl	25.6		20.58		124	50	150		0		
Surr: o-Terphenyl	25.0		20.58		121	50	150		0		

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2004071-009AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **BATCH**	Batch ID: **28007**		Analysis Date: **4/9/2020**	SeqNo: **1169223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2004071-009AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **4/7/2020**	RunNo: **58514**
Client ID: **BATCH**	Batch ID: **28007**		Analysis Date: **4/9/2020**	SeqNo: **1169602**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	612	20.9	523.2	7.069	116	65	135				
Surr: 2-Fluorobiphenyl	25.0		20.93		120	50	150				
Surr: o-Terphenyl	24.8		20.93		119	50	150				

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-28024**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **LCSS**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170069**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.9	5.00	25.00	0	104	65	135				
Surr: Toluene-d8	1.27		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		99.5	65	135				

Sample ID: **MB-28024**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **MBLKS**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170070**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.22		1.250		97.5	65	135				
Surr: 4-Bromofluorobenzene	1.11		1.250		88.6	65	135				

Sample ID: **2004071-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **BATCH**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170049**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.15						0		30	
Surr: Toluene-d8	1.50		1.538		97.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.37		1.538		89.1	65	135		0		

Sample ID: **2004072-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **PH209-14-6**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170053**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.31						0		30	
Surr: Toluene-d8	1.29		1.327		97.6	65	135		0		
Surr: 4-Bromofluorobenzene	1.18		1.327		89.3	65	135		0		

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2004072-002BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **PH209-14-10**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	89.2	5.43	27.14	0	329	65	135				S
Surr: Toluene-d8	1.37		1.357		101	65	135				
Surr: 4-Bromofluorobenzene	1.58		1.357		116	65	135				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: **2004072-002BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **4/9/2020**	RunNo: **58559**
Client ID: **PH209-14-10**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170056**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	90.1	5.43	27.14	0	332	65	135	89.24	0.902	30	S
Surr: Toluene-d8	1.35		1.357		99.5	65	135		0		
Surr: 4-Bromofluorobenzene	1.60		1.357		118	65	135		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28024** SampType: **LCS** Units: **mg/Kg** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **LCSS** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170026**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.20	0.0200	1.000	0	120	21.6	169				
Chloromethane	1.06	0.0500	1.000	0	106	45.3	153				
Vinyl chloride	1.07	0.0250	1.000	0	107	57.5	137				
Bromomethane	1.05	0.0500	1.000	0	105	32.8	194				
Trichlorofluoromethane (CFC-11)	1.10	0.0200	1.000	0	110	54.3	152				
Chloroethane	1.04	0.0500	1.000	0	104	52	146				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	62.8	139				
Methylene chloride	1.00	0.0200	1.000	0	100	78.4	118				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	82	117				
1,1-Dichloroethane	1.06	0.0200	1.000	0	106	78	119				
cis-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	81.9	116				
Chloroform	1.04	0.0200	1.000	0	104	80.8	117				
1,1,1-Trichloroethane (TCA)	1.05	0.0250	1.000	0	105	81.4	117				
1,1-Dichloropropene	1.05	0.0200	1.000	0	105	79.9	117				
Carbon tetrachloride	1.05	0.0500	1.000	0	105	80.4	117				
1,2-Dichloroethane (EDC)	1.06	0.0200	1.000	0	106	77.5	117				
Trichloroethene (TCE)	1.05	0.0200	1.000	0	105	83.4	115				
1,2-Dichloropropane	1.03	0.0200	1.000	0	103	77.6	117				
Bromodichloromethane	1.03	0.0200	1.000	0	103	78.9	116				
Dibromomethane	1.05	0.0200	1.000	0	105	81.2	115				
cis-1,3-Dichloropropene	1.03	0.0200	1.000	0	103	78	115				
trans-1,3-Dichloropropylene	1.05	0.0200	1.000	0	105	75.7	117				
1,1,2-Trichloroethane	1.04	0.0200	1.000	0	104	77.9	118				
1,3-Dichloropropane	1.05	0.0250	1.000	0	105	77.1	118				
Tetrachloroethene (PCE)	1.07	0.0250	1.000	0	107	84.3	117				
Dibromochloromethane	1.04	0.0250	1.000	0	104	77.9	118				
1,2-Dibromoethane (EDB)	1.04	0.00500	1.000	0	104	78.6	117				
Chlorobenzene	1.12	0.0250	1.000	0	112	86.5	113				
1,1,1,2-Tetrachloroethane	1.12	0.0250	1.000	0	112	84.8	113				
Bromoform	1.13	0.0500	1.000	0	113	70.7	125				
1,1,2,2-Tetrachloroethane	1.14	0.0200	1.000	0	114	68.3	125				

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28024** SampType: **LCS** Units: **mg/Kg** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **LCSS** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170026**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	1.12	0.0200	1.000	0	112	84	117				
2-Chlorotoluene	1.13	0.0250	1.000	0	113	80.4	122				
4-Chlorotoluene	1.14	0.0250	1.000	0	114	83.1	118				
1,2,3-Trichloropropane	1.16	0.0250	1.000	0	116	71	125				
1,2,4-Trichlorobenzene	1.11	0.0250	1.000	0	111	81	126				
1,3-Dichlorobenzene	1.09	0.0200	1.000	0	109	90.4	115				
1,4-Dichlorobenzene	1.09	0.0200	1.000	0	109	90.3	115				
1,2-Dichlorobenzene	1.10	0.0200	1.000	0	110	90.3	115				
1,2-Dibromo-3-chloropropane	1.12	0.500	1.000	0	112	62.3	136				
Hexachloro-1,3-butadiene	1.12	0.0500	1.000	0	112	77.8	133				
1,2,3-Trichlorobenzene	1.12	0.0200	1.000	0	112	75.9	130				
Surr: Dibromofluoromethane	1.12		1.250		89.5	80	116				
Surr: Toluene-d8	1.11		1.250		88.8	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.2	82.8	113				

Sample ID: **MB-28024** SampType: **MBLK** Units: **mg/Kg** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **MBLKS** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170017**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28024** SampType: **MBLK** Units: **mg/Kg** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **MBLKS** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170017**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
Bromobenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28024**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **4/9/2020**	RunNo: **58558**
Client ID: **MBLKS**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1170017**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.23		1.250		98.5	80	116				
Surr: Toluene-d8	1.23		1.250		98.4	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.17		1.250		93.5	82.8	113				

Sample ID: **2004071-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **4/9/2020**	RunNo: **58558**
Client ID: **BATCH**	Batch ID: **28024**		Analysis Date: **4/9/2020**	SeqNo: **1169996**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0246						0		30	
Chloromethane	ND	0.0615						0		30	
Vinyl chloride	ND	0.0308						0		30	
Bromomethane	ND	0.0615						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0246						0		30	
Chloroethane	ND	0.0615						0		30	
1,1-Dichloroethene	ND	0.0246						0		30	
Methylene chloride	ND	0.0246						0		30	
trans-1,2-Dichloroethene	ND	0.0246						0		30	
1,1-Dichloroethane	ND	0.0246						0		30	
cis-1,2-Dichloroethene	ND	0.0246						0		30	
Chloroform	ND	0.0246						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0308						0		30	
1,1-Dichloropropene	ND	0.0246						0		30	
Carbon tetrachloride	ND	0.0615						0		30	
1,2-Dichloroethane (EDC)	ND	0.0246						0		30	
Trichloroethene (TCE)	ND	0.0246						0		30	
1,2-Dichloropropane	ND	0.0246						0		30	
Bromodichloromethane	ND	0.0246						0		30	
Dibromomethane	ND	0.0246						0		30	
cis-1,3-Dichloropropene	ND	0.0246						0		30	
trans-1,3-Dichloropropylene	ND	0.0246						0		30	

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004071-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169996**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0246						0		30	
1,3-Dichloropropane	ND	0.0308						0		30	
Tetrachloroethene (PCE)	ND	0.0308						0		30	
Dibromochloromethane	ND	0.0308						0		30	
1,2-Dibromoethane (EDB)	ND	0.00615						0		30	
Chlorobenzene	ND	0.0308						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0308						0		30	
Bromoform	ND	0.0615						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0246						0		30	
Bromobenzene	ND	0.0246						0		30	
2-Chlorotoluene	ND	0.0308						0		30	
4-Chlorotoluene	ND	0.0308						0		30	
1,2,3-Trichloropropane	ND	0.0308						0		30	
1,2,4-Trichlorobenzene	ND	0.0308						0		30	
1,3-Dichlorobenzene	ND	0.0246						0		30	
1,4-Dichlorobenzene	ND	0.0246						0		30	
1,2-Dichlorobenzene	ND	0.0246						0		30	
1,2-Dibromo-3-chloropropane	ND	0.615						0		30	
Hexachloro-1,3-butadiene	ND	0.0615						0		30	
1,2,3-Trichlorobenzene	ND	0.0246						0		30	
Surr: Dibromofluoromethane	1.50		1.538		97.8	80	116		0		
Surr: Toluene-d8	1.51		1.538		98.1	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.538		94.1	82.8	113		0		

Sample ID: **2004072-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **PH209-14-6** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0212						0		30	
Chloromethane	ND	0.0531						0		30	

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004072-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **PH209-14-6** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0265						0		30	
Bromomethane	ND	0.0531						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0212						0		30	
Chloroethane	ND	0.0531						0		30	
1,1-Dichloroethene	ND	0.0212						0		30	
Methylene chloride	ND	0.0212						0		30	
trans-1,2-Dichloroethene	ND	0.0212						0		30	
1,1-Dichloroethane	ND	0.0212						0		30	
cis-1,2-Dichloroethene	ND	0.0212						0		30	
Chloroform	ND	0.0212						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0265						0		30	
1,1-Dichloropropene	ND	0.0212						0		30	
Carbon tetrachloride	ND	0.0531						0		30	
1,2-Dichloroethane (EDC)	ND	0.0212						0		30	
Trichloroethene (TCE)	ND	0.0212						0		30	
1,2-Dichloropropane	ND	0.0212						0		30	
Bromodichloromethane	ND	0.0212						0		30	
Dibromomethane	ND	0.0212						0		30	
cis-1,3-Dichloropropene	ND	0.0212						0		30	
trans-1,3-Dichloropropylene	ND	0.0212						0		30	
1,1,2-Trichloroethane	ND	0.0212						0		30	
1,3-Dichloropropane	ND	0.0265						0		30	
Tetrachloroethene (PCE)	ND	0.0265						0		30	
Dibromochloromethane	ND	0.0265						0		30	
1,2-Dibromoethane (EDB)	ND	0.00531						0		30	
Chlorobenzene	ND	0.0265						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0265						0		30	
Bromoform	ND	0.0531						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0212						0		30	
Bromobenzene	ND	0.0212						0		30	
2-Chlorotoluene	ND	0.0265						0		30	

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004072-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **PH209-14-6** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1170005**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0265						0		30	
1,2,3-Trichloropropane	ND	0.0265						0		30	
1,2,4-Trichlorobenzene	ND	0.0265						0		30	
1,3-Dichlorobenzene	ND	0.0212						0		30	
1,4-Dichlorobenzene	ND	0.0212						0		30	
1,2-Dichlorobenzene	ND	0.0212						0		30	
1,2-Dibromo-3-chloropropane	ND	0.531						0		30	
Hexachloro-1,3-butadiene	ND	0.0531						0		30	
1,2,3-Trichlorobenzene	ND	0.0212						0		30	
Surr: Dibromofluoromethane	1.34		1.327		101	80	116		0		
Surr: Toluene-d8	1.32		1.327		99.6	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.327		94.1	82.8	113		0		

Sample ID: **2004071-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.58	0.0319	1.597	0	98.8	-0.64	180				
Chloromethane	1.72	0.0798	1.597	0	108	33.2	162				
Vinyl chloride	1.88	0.0399	1.597	0	118	47.2	146				
Bromomethane	2.14	0.0798	1.597	0	134	18.7	226				
Trichlorofluoromethane (CFC-11)	2.03	0.0319	1.597	0	127	48.9	158				
Chloroethane	1.96	0.0798	1.597	0	123	20.8	195				
1,1-Dichloroethene	2.06	0.0319	1.597	0	129	67.1	135				
Methylene chloride	1.92	0.0319	1.597	0	120	64.9	137				
trans-1,2-Dichloroethene	2.03	0.0319	1.597	0	127	75.1	126				S
1,1-Dichloroethane	2.00	0.0319	1.597	0	125	68.4	132				
cis-1,2-Dichloroethene	2.03	0.0319	1.597	0	127	76.2	125				S
Chloroform	2.04	0.0319	1.597	0	128	74.5	127				S
1,1,1-Trichloroethane (TCA)	2.07	0.0399	1.597	0	130	74.5	126				S

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004071-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	2.04	0.0319	1.597	0	128	70.7	128				
Carbon tetrachloride	2.13	0.0798	1.597	0	133	72.5	126				S
1,2-Dichloroethane (EDC)	1.94	0.0319	1.597	0	122	70.4	128				
Trichloroethene (TCE)	2.00	0.0319	1.597	0	125	64.7	145				
1,2-Dichloropropane	1.94	0.0319	1.597	0	122	69.3	129				
Bromodichloromethane	1.92	0.0319	1.597	0	120	75.9	120				S
Dibromomethane	1.89	0.0319	1.597	0	118	78.5	123				
cis-1,3-Dichloropropene	1.85	0.0319	1.597	0	116	67.3	122				
trans-1,3-Dichloropropylene	1.81	0.0319	1.597	0	113	64.4	124				
1,1,2-Trichloroethane	1.85	0.0319	1.597	0	116	72.4	129				
1,3-Dichloropropane	1.87	0.0399	1.597	0	117	70.5	128				
Tetrachloroethene (PCE)	2.01	0.0399	1.597	0	126	64.9	140				
Dibromochloromethane	1.84	0.0399	1.597	0	115	71.8	125				
1,2-Dibromoethane (EDB)	1.82	0.00798	1.597	0	114	73.8	126				
Chlorobenzene	1.96	0.0399	1.597	0	123	85.1	118				S
1,1,1,2-Tetrachloroethane	1.88	0.0399	1.597	0	118	82.2	118				
Bromoform	1.76	0.0798	1.597	0	110	66.1	130				
1,1,2,2-Tetrachloroethane	1.76	0.0319	1.597	0	110	41.2	150				
Bromobenzene	1.94	0.0319	1.597	0	121	84.6	121				S
2-Chlorotoluene	1.93	0.0399	1.597	0	121	78.4	128				
4-Chlorotoluene	1.93	0.0399	1.597	0	121	81.2	123				
1,2,3-Trichloropropane	2.07	0.0399	1.597	0	130	66.4	132				
1,2,4-Trichlorobenzene	1.87	0.0399	1.597	0	117	68.9	139				
1,3-Dichlorobenzene	1.97	0.0319	1.597	0	124	87.8	120				S
1,4-Dichlorobenzene	1.93	0.0319	1.597	0	121	88.1	119				S
1,2-Dichlorobenzene	1.94	0.0319	1.597	0	122	88.1	120				S
1,2-Dibromo-3-chloropropane	1.76	0.798	1.597	0	110	56.6	144				
Hexachloro-1,3-butadiene	2.02	0.0798	1.597	0	126	64.8	148				
1,2,3-Trichlorobenzene	1.89	0.0319	1.597	0	118	59.3	150				
Surr: Dibromofluoromethane	2.03		1.996		102	80	116				
Surr: Toluene-d8	2.00		1.996		100	84.8	113				

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004071-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	2.02		1.996		101	82.8	113				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2004071-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169999**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.42	0.0319	1.597	0	88.7	-0.64	180	1.578	10.7	30	
Chloromethane	1.64	0.0798	1.597	0	102	33.2	162	1.718	4.92	30	
Vinyl chloride	1.76	0.0399	1.597	0	110	47.2	146	1.880	6.44	30	
Bromomethane	1.86	0.0798	1.597	0	117	18.7	226	2.142	13.9	30	
Trichlorofluoromethane (CFC-11)	1.95	0.0319	1.597	0	122	48.9	158	2.031	4.24	30	
Chloroethane	1.85	0.0798	1.597	0	116	20.8	195	1.959	5.44	30	
1,1-Dichloroethene	1.95	0.0319	1.597	0	122	67.1	135	2.062	5.37	30	
Methylene chloride	1.83	0.0319	1.597	0	115	64.9	137	1.921	4.92	30	
trans-1,2-Dichloroethene	1.95	0.0319	1.597	0	122	75.1	126	2.026	3.99	30	
1,1-Dichloroethane	1.92	0.0319	1.597	0	120	68.4	132	2.004	4.27	30	
cis-1,2-Dichloroethene	1.92	0.0319	1.597	0	121	76.2	125	2.034	5.56	30	
Chloroform	1.92	0.0319	1.597	0	120	74.5	127	2.037	5.91	30	
1,1,1-Trichloroethane (TCA)	1.99	0.0399	1.597	0	124	74.5	126	2.075	4.39	30	
1,1-Dichloropropene	1.93	0.0319	1.597	0	121	70.7	128	2.040	5.38	30	
Carbon tetrachloride	2.01	0.0798	1.597	0	126	72.5	126	2.131	5.80	30	
1,2-Dichloroethane (EDC)	1.85	0.0319	1.597	0	116	70.4	128	1.944	4.73	30	
Trichloroethene (TCE)	1.93	0.0319	1.597	0	121	64.7	145	2.003	3.84	30	
1,2-Dichloropropane	1.86	0.0319	1.597	0	116	69.3	129	1.942	4.36	30	
Bromodichloromethane	1.85	0.0319	1.597	0	116	75.9	120	1.921	3.82	30	
Dibromomethane	1.81	0.0319	1.597	0	113	78.5	123	1.891	4.35	30	
cis-1,3-Dichloropropene	1.77	0.0319	1.597	0	111	67.3	122	1.853	4.36	30	
trans-1,3-Dichloropropylene	1.76	0.0319	1.597	0	110	64.4	124	1.807	2.90	30	

Work Order: 2004072
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2004071-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **4/9/2020** RunNo: **58558**
Client ID: **BATCH** Batch ID: **28024** Analysis Date: **4/9/2020** SeqNo: **1169999**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	1.79	0.0319	1.597	0	112	72.4	129	1.851	3.44	30	
1,3-Dichloropropane	1.79	0.0399	1.597	0	112	70.5	128	1.869	4.42	30	
Tetrachloroethene (PCE)	1.94	0.0399	1.597	0	121	64.9	140	2.009	3.50	30	
Dibromochloromethane	1.78	0.0399	1.597	0	111	71.8	125	1.844	3.80	30	
1,2-Dibromoethane (EDB)	1.76	0.00798	1.597	0	110	73.8	126	1.823	3.43	30	
Chlorobenzene	1.91	0.0399	1.597	0	120	85.1	118	1.961	2.41	30	S
1,1,1,2-Tetrachloroethane	1.84	0.0399	1.597	0	115	82.2	118	1.878	2.30	30	
Bromoform	1.71	0.0798	1.597	0	107	66.1	130	1.756	2.54	30	
1,1,2,2-Tetrachloroethane	1.69	0.0319	1.597	0	106	41.2	150	1.759	4.03	30	
Bromobenzene	1.89	0.0319	1.597	0	118	84.6	121	1.937	2.64	30	
2-Chlorotoluene	1.88	0.0399	1.597	0	118	78.4	128	1.931	2.83	30	
4-Chlorotoluene	1.86	0.0399	1.597	0	117	81.2	123	1.928	3.35	30	
1,2,3-Trichloropropane	2.23	0.0399	1.597	0	139	66.4	132	2.068	7.40	30	S
1,2,4-Trichlorobenzene	1.84	0.0399	1.597	0	115	68.9	139	1.874	1.87	30	
1,3-Dichlorobenzene	1.91	0.0319	1.597	0	120	87.8	120	1.975	3.23	30	
1,4-Dichlorobenzene	1.87	0.0319	1.597	0	117	88.1	119	1.934	3.21	30	
1,2-Dichlorobenzene	1.88	0.0319	1.597	0	117	88.1	120	1.942	3.52	30	
1,2-Dibromo-3-chloropropane	1.68	0.798	1.597	0	105	56.6	144	1.756	4.56	30	
Hexachloro-1,3-butadiene	1.99	0.0798	1.597	0	125	64.8	148	2.017	1.26	30	
1,2,3-Trichlorobenzene	1.84	0.0319	1.597	0	115	59.3	150	1.888	2.76	30	
Surr: Dibromofluoromethane	2.03		1.996		102	80	116		0		
Surr: Toluene-d8	2.01		1.996		100	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.99		1.996		99.9	82.8	113		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2004072**
Logged by:	**Carissa True**	Date Received:	**4/6/2020 4:58:00 PM**

Chain of Custody

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

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 Required ☑
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 ☐

Samples were collected the same day and chilled.

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:	Vance Atkins	Date:	4/7/2020
By Whom:	Carissa True	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Label discrepancies, ample date		
Client Instructions:	Proceed. 4/		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	4.1
Sample 1	8.3

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 3/6/20 Page: 1 of: 1

Laboratory Project No (internal): 2004072

Project Name: F200

Project No: 2021

Collected by: ~~DSG~~ ATKINS

Location: FL209

Report To (PM): ATKINS

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: DSG

Address:

City, State, Zip:

Telephone:

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624) HVOC	GX/BTEX	BTEX	Gasoline Range Organics (GX)	~~Hydrocarbon Identification (HCID)~~	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	PH209-14-6		1305		X												
2	PH209-14-10		1310		X			X	X	X							
3	PH209-14-15		1325		X			X	X	X							
4	PH209-15-5		1350														
5	PH209-15-10		1400					X	X	X							
6	PH209-16-6		1415														
7	PH209-16-10		1420					X	X	X							
8	PH209-17-5		1435														
9	PH209-17-10		1440					X	X	X							
10	PH209-17-15		1455					X	X	X							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	4/6/20 1625	x [signature]	4/6/20 1658
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005052

June 16, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 4 sample(s) on 5/6/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *06/16/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005052

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005052-001	209-Pex-1-4	05/06/2020 11:45 AM	05/06/2020 4:08 PM
2005052-002	209-Pex-2-4	05/06/2020 11:50 AM	05/06/2020 4:08 PM
2005052-003	209-Pex-3-6	05/06/2020 11:55 AM	05/06/2020 4:08 PM
2005052-004	209-Pex-4-18	05/06/2020 1:40 PM	05/06/2020 4:08 PM

Case Narrative

WO#: **2005052**
Date: **6/16/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

6/16/2020: Revision 1 includes additional analysis requested by client.
6/16/2020: Revision 2 includes full list PAHs.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005052**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 5/6/2020 11:45:00 AM
Project: F200
Lab ID: 2005052-001
Matrix: Soil
Client Sample ID: 209-Pex-1-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	92.0	20.2		mg/Kg-dry	1	5/7/2020 3:11:56 PM
Heavy Oil	ND	50.4		mg/Kg-dry	1	5/7/2020 3:11:56 PM
Surr: 2-Fluorobiphenyl	82.7	50 - 150		%Rec	1	5/7/2020 3:11:56 PM
Surr: o-Terphenyl	86.0	50 - 150		%Rec	1	5/7/2020 3:11:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R59037		Analyst: MM
Percent Moisture	5.76	0.500		wt%	1	5/7/2020 9:55:39 AM

Client: O'Neill Service Group
Collection Date: 5/6/2020 11:50:00 AM
Project: F200
Lab ID: 2005052-002
Matrix: Soil
Client Sample ID: **209-Pex-2-4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	ND	21.2		mg/Kg-dry	1	5/7/2020 3:41:42 PM
Heavy Oil	ND	53.1		mg/Kg-dry	1	5/7/2020 3:41:42 PM
Surr: 2-Fluorobiphenyl	78.5	50 - 150		%Rec	1	5/7/2020 3:41:42 PM
Surr: o-Terphenyl	85.1	50 - 150		%Rec	1	5/7/2020 3:41:42 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28663		Analyst: SB
Naphthalene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
2-Methylnaphthalene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
1-Methylnaphthalene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Acenaphthylene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Acenaphthene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Fluorene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Phenanthrene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Anthracene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Fluoranthene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Pyrene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Benz(a)anthracene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Chrysene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Benzo(b)fluoranthene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Benzo(k)fluoranthene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Benzo(a)pyrene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Indeno(1,2,3-cd)pyrene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Dibenz(a,h)anthracene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Benzo(g,h,i)perylene	ND	37.6	H	µg/Kg-dry	1	6/16/2020 3:04:05 PM
Surr: 2-Fluorobiphenyl	118	6.91 - 127	H	%Rec	1	6/16/2020 3:04:05 PM
Surr: Terphenyl-d14 (surr)	175	32.9 - 153	SH	%Rec	1	6/16/2020 3:04:05 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).

Sample Moisture (Percent Moisture)				Batch ID: R59037		Analyst: MM
Percent Moisture	6.00	0.500		wt%	1	5/7/2020 9:55:39 AM

Analytical Report

Work Order: **2005052**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 5/6/2020 11:55:00 AM
Project: F200
Lab ID: 2005052-003
Matrix: Soil
Client Sample ID: **209-Pex-3-6**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	ND	19.9		mg/Kg-dry	1	5/7/2020 4:11:32 PM
Heavy Oil	ND	49.8		mg/Kg-dry	1	5/7/2020 4:11:32 PM
Surr: 2-Fluorobiphenyl	77.9	50 - 150		%Rec	1	5/7/2020 4:11:32 PM
Surr: o-Terphenyl	84.0	50 - 150		%Rec	1	5/7/2020 4:11:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R59037		Analyst: MM
Percent Moisture	9.46	0.500		wt%	1	5/7/2020 9:55:39 AM

Analytical Report

Work Order: **2005052**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 5/6/2020 1:40:00 PM
Project: F200
Lab ID: 2005052-004
Matrix: Soil
Client Sample ID: 209-Pex-4-18

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	2,510	199	D	mg/Kg-dry	10	5/8/2020 9:41:34 AM
Heavy Oil	ND	49.8		mg/Kg-dry	1	5/7/2020 4:41:24 PM
Surr: 2-Fluorobiphenyl	106	50 - 150		%Rec	1	5/7/2020 4:41:24 PM
Surr: o-Terphenyl	93.0	50 - 150		%Rec	1	5/7/2020 4:41:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R59037		Analyst: MM
Percent Moisture	7.69	0.500		wt%	1	5/7/2020 9:55:39 AM

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28264**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/7/2020**	RunNo: **59050**
Client ID: **MBLKS**	Batch ID: **28264**		Analysis Date: **5/7/2020**	SeqNo: **1179772**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.5		20.00		77.5	50	150				
Surr: o-Terphenyl	16.6		20.00		83.3	50	150				

Sample ID: **LCS-28264**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/7/2020**	RunNo: **59050**
Client ID: **LCSS**	Batch ID: **28264**		Analysis Date: **5/7/2020**	SeqNo: **1179773**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	444	20.0	500.0	0	88.7	65	135				
Surr: 2-Fluorobiphenyl	18.3		20.00		91.6	50	150				
Surr: o-Terphenyl	17.8		20.00		89.1	50	150				

Sample ID: **2005052-004AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/7/2020**	RunNo: **59050**
Client ID: **209-Pex-4-18**	Batch ID: **28264**		Analysis Date: **5/7/2020**	SeqNo: **1179780**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,760	20.9	521.3	2,434	62.5	65	135				SE
Surr: 2-Fluorobiphenyl	26.8		20.85		129	50	150				
Surr: o-Terphenyl	22.1		20.85		106	50	150				

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2005052-004AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **5/7/2020**	RunNo: **59050**
Client ID: **209-Pex-4-18**	Batch ID: **28264**		Analysis Date: **5/7/2020**	SeqNo: **1179781**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,410	21.4	534.7	2,434	-4.85	65	135	2,760	13.6	30	SE
Surr: 2-Fluorobiphenyl	40.2		21.39		188	50	150		0		S

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005052-004AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **209-Pex-4-18** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179781**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	20.8		21.39		97.5	50	150		0		

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2005051-008ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **BATCH** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179782**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.7						0		30	
Heavy Oil	ND	54.2						0		30	
Surr: 2-Fluorobiphenyl	18.1		21.67		83.7	50	150		0		
Surr: o-Terphenyl	19.1		21.67		88.2	50	150		0		

Sample ID: **2005067-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **BATCH** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,780	19.9						2,551	35.4	30	R
Heavy Oil	ND	49.7						85.70	91.0	30	R
Surr: 2-Fluorobiphenyl	33.2		19.87		167	50	150		0		S
Surr: o-Terphenyl	18.8		19.87		94.5	50	150		0		

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
R - High RPD observed.

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-28663** SampType: **MBLK** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **MBLKS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	453		500.0		90.6	6.91	127				
Surr: Terphenyl-d14 (surr)	742		500.0		148	32.9	153				

Sample ID: **LCS-28663** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **LCSS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198226**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	842	40.0	1,000	0	84.2	47.3	136				
2-Methylnaphthalene	831	40.0	1,000	0	83.1	48.6	142				
1-Methylnaphthalene	815	40.0	1,000	0	81.5	51	140				
Acenaphthylene	795	40.0	1,000	0	79.5	47.5	137				
Acenaphthene	857	40.0	1,000	0	85.7	49.1	138				

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-28663** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **LCSS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198226**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	856	40.0	1,000	0	85.6	49.3	137				
Phenanthrene	781	40.0	1,000	0	78.1	45.5	139				
Anthracene	1,040	40.0	1,000	0	104	44	139				
Fluoranthene	853	40.0	1,000	0	85.3	48.7	144				
Pyrene	885	40.0	1,000	0	88.5	47.9	143				
Benz(a)anthracene	753	40.0	1,000	0	75.3	49.8	143				
Chrysene	917	40.0	1,000	0	91.7	47.1	144				
Benzo(b)fluoranthene	696	40.0	1,000	0	69.6	44.6	150				
Benzo(k)fluoranthene	933	40.0	1,000	0	93.3	47.5	148				
Benzo(a)pyrene	767	40.0	1,000	0	76.7	45	149				
Indeno(1,2,3-cd)pyrene	826	40.0	1,000	0	82.6	41.4	146				
Dibenz(a,h)anthracene	830	40.0	1,000	0	83.0	43.4	145				
Benzo(g,h,i)perylene	814	40.0	1,000	0	81.4	42.7	144				
Surr: 2-Fluorobiphenyl	534		500.0		107	6.91	127				
Surr: Terphenyl-d14 (surr)	697		500.0		139	32.9	153				

Sample ID: **2006122-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **BATCH** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198228**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	41.6						0		30	
2-Methylnaphthalene	ND	41.6						0		30	
1-Methylnaphthalene	ND	41.6						0		30	
Acenaphthylene	ND	41.6						0		30	
Acenaphthene	ND	41.6						0		30	
Fluorene	ND	41.6						0		30	
Phenanthrene	ND	41.6						0		30	
Anthracene	ND	41.6						0		30	
Fluoranthene	ND	41.6						0		30	
Pyrene	ND	41.6						0		30	

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **BATCH** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198228**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	ND	41.6						0		30	
Chrysene	ND	41.6						0		30	
Benzo(b)fluoranthene	ND	41.6						0		30	
Benzo(k)fluoranthene	ND	41.6						0		30	
Benzo(a)pyrene	ND	41.6						0		30	
Indeno(1,2,3-cd)pyrene	ND	41.6						0		30	
Dibenz(a,h)anthracene	ND	41.6						0		30	
Benzo(g,h,i)perylene	ND	41.6						0		30	
Surr: 2-Fluorobiphenyl	442		519.8		84.9	6.91	127		0		
Surr: Terphenyl-d14 (surr)	768		519.8		148	32.9	153		0		

Sample ID: **2006122-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **BATCH** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	777	42.3	1,057	0	73.5	33	123				
2-Methylnaphthalene	788	42.3	1,057	0	74.6	38.9	128				
1-Methylnaphthalene	765	42.3	1,057	0	72.4	36.2	129				
Acenaphthylene	698	42.3	1,057	0	66.1	39	132				
Acenaphthene	747	42.3	1,057	0	70.7	39.5	124				
Fluorene	724	42.3	1,057	0	68.6	38.5	128				
Phenanthrene	689	42.3	1,057	0	65.2	34.1	130				
Anthracene	734	42.3	1,057	0	69.4	38.8	128				
Fluoranthene	801	42.3	1,057	0	75.8	38.6	136				
Pyrene	826	42.3	1,057	0	78.2	37.8	134				
Benz(a)anthracene	741	42.3	1,057	5.773	69.5	35.9	142				
Chrysene	788	42.3	1,057	0	74.6	36.7	131				
Benzo(b)fluoranthene	794	42.3	1,057	0	75.2	35	141				
Benzo(k)fluoranthene	700	42.3	1,057	0	66.2	35.9	136				
Benzo(a)pyrene	746	42.3	1,057	0	70.6	31.2	142				

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001AMS**	SampType: **MS**	Units: **µg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59862**
Client ID: **BATCH**	Batch ID: **28663**		Analysis Date: **6/16/2020**	SeqNo: **1198229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	749	42.3	1,057	0	70.8	29.1	133				
Dibenz(a,h)anthracene	743	42.3	1,057	0	70.3	31.3	132				
Benzo(g,h,i)perylene	777	42.3	1,057	4.010	73.2	30.2	128				
Surr: 2-Fluorobiphenyl	544		528.4		103	6.91	127				
Surr: Terphenyl-d14 (surr)	725		528.4		137	32.9	153				

Sample ID: **2006122-001AMSD**	SampType: **MSD**	Units: **µg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59862**
Client ID: **BATCH**	Batch ID: **28663**		Analysis Date: **6/16/2020**	SeqNo: **1198230**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	809	43.1	1,077	0	75.1	33	123	776.8	4.06	30	
2-Methylnaphthalene	828	43.1	1,077	0	76.9	38.9	128	788.4	4.95	30	
1-Methylnaphthalene	813	43.1	1,077	0	75.5	36.2	129	765.0	6.05	30	
Acenaphthylene	821	43.1	1,077	0	76.2	39	132	698.5	16.1	30	
Acenaphthene	852	43.1	1,077	0	79.1	39.5	124	746.6	13.2	30	
Fluorene	822	43.1	1,077	0	76.3	38.5	128	724.5	12.6	30	
Phenanthrene	814	43.1	1,077	0	75.6	34.1	130	689.3	16.6	30	
Anthracene	892	43.1	1,077	0	82.8	38.8	128	733.5	19.5	30	
Fluoranthene	917	43.1	1,077	0	85.1	38.6	136	801.0	13.5	30	
Pyrene	943	43.1	1,077	0	87.6	37.8	134	826.0	13.2	30	
Benz(a)anthracene	887	43.1	1,077	5.773	81.8	35.9	142	740.5	18.0	30	
Chrysene	864	43.1	1,077	0	80.3	36.7	131	788.5	9.20	30	
Benzo(b)fluoranthene	868	43.1	1,077	0	80.6	35	141	794.3	8.91	30	
Benzo(k)fluoranthene	885	43.1	1,077	0	82.2	35.9	136	699.6	23.4	30	
Benzo(a)pyrene	853	43.1	1,077	0	79.2	31.2	142	746.0	13.4	30	
Indeno(1,2,3-cd)pyrene	850	43.1	1,077	0	78.9	29.1	133	748.5	12.6	30	
Dibenz(a,h)anthracene	850	43.1	1,077	0	78.9	31.3	132	742.8	13.4	30	
Benzo(g,h,i)perylene	883	43.1	1,077	4.010	81.6	30.2	128	777.2	12.7	30	
Surr: 2-Fluorobiphenyl	603		538.4		112	6.91	127		0		
Surr: Terphenyl-d14 (surr)	754		538.4		140	32.9	153		0		

Work Order: 2005052
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **BATCH** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198230**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005052**
Logged by:	**Carissa True**	Date Received:	**5/6/2020 4:08:00 PM**

Chain of Custody

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

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 ☐
	Samples were collected the same day and chilled.			
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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	2.4
Sample 1	9.4

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/6/20 Page: 1 of: 1

Laboratory Project No (internal): 2005052

Project Name: 2021 F209

Special Remarks:

Project No: 2021

Collected by: Atkins

Location: F209

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Report To (PM): Atkins

PM Email:

Client: DOT

Address:

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	F209-P3-1-4	5/6/20	1145	S						X								
2	-2-7	"	1150	"						X								
3	-3-6	"	1155	"						X								
4	-4-19	"	1240	"						X								
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 5/6/20 1555

Relinquished x Date/Time

Received x [signature] Date/Time 5/6/20 @ 1608

Received x Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/6/20 Page: 1 of: 1

Laboratory Project No (internal): 2005052

Project Name: 2021 F200

Special Remarks:

X: ASAP Add on per V.A. 6/15/2020-BB

Project No: 2021

Client: OSS

Collected by: Atkins

Address:

Location: F209

City, State, Zip:

Report To (PM): Atkins

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	F209-PSX-1-4	5/6/20	1145	S						X	X								
2	-2-7		1150								X								
3	-3-6		1155								X								
4	-4-19		1240								X								
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 5/6/20 1555

Relinquished x Date/Time

Received x [signature] Date/Time 5/6/20 @ 1608

Received x Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005067

June 08, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 4 sample(s) on 5/7/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *06/08/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005067

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005067-001	209-PEX-5-15	05/07/2020 8:30 AM	05/07/2020 3:31 PM
2005067-002	209-PEX-6-23	05/07/2020 10:30 AM	05/07/2020 3:31 PM
2005067-003	209-PEX-7-15	05/07/2020 2:30 AM	05/07/2020 3:31 PM
2005067-004	209-PEX-8-15	05/07/2020 2:40 AM	05/07/2020 3:31 PM

Case Narrative

WO#: **2005067**
Date: **6/8/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005067**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/7/2020 8:30:00 AM
Project: F200
Lab ID: 2005067-001
Matrix: Soil
Client Sample ID: 209-PEX-5-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	2,440	204	D	mg/Kg-dry	10	5/8/2020 10:11:25 AM
Heavy Oil	85.7	51.0		mg/Kg-dry	1	5/7/2020 8:09:42 PM
Surr: 2-Fluorobiphenyl	186	50 - 150	S	%Rec	1	5/7/2020 8:09:42 PM
Surr: o-Terphenyl	92.6	50 - 150		%Rec	1	5/7/2020 8:09:42 PM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Sample Moisture (Percent Moisture)				Batch ID: R59068		Analyst: CJ
Percent Moisture	8.41	0.500		wt%	1	5/8/2020 11:42:36 AM

Analytical Report

Work Order: **2005067**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/7/2020 10:30:00 AM
Project: F200
Lab ID: 2005067-002
Matrix: Soil
Client Sample ID: **209-PEX-6-23**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	825	18.7		mg/Kg-dry	1	5/7/2020 9:09:27 PM
Heavy Oil	ND	46.6		mg/Kg-dry	1	5/7/2020 9:09:27 PM
Surr: 2-Fluorobiphenyl	112	50 - 150		%Rec	1	5/7/2020 9:09:27 PM
Surr: o-Terphenyl	94.3	50 - 150		%Rec	1	5/7/2020 9:09:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R59068		Analyst: CJ
Percent Moisture	8.66	0.500		wt%	1	5/8/2020 11:42:36 AM

Client: O'Neill Service Group
Collection Date: 5/7/2020 2:30:00 AM
Project: F200
Lab ID: 2005067-003
Matrix: Soil
Client Sample ID: 209-PEX-7-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	ND	19.3		mg/Kg-dry	1	5/7/2020 9:39:37 PM
Heavy Oil	ND	48.2		mg/Kg-dry	1	5/7/2020 9:39:37 PM
Surr: 2-Fluorobiphenyl	78.2	50 - 150		%Rec	1	5/7/2020 9:39:37 PM
Surr: o-Terphenyl	86.2	50 - 150		%Rec	1	5/7/2020 9:39:37 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28567		Analyst: SB
Naphthalene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
2-Methylnaphthalene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
1-Methylnaphthalene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Acenaphthylene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Acenaphthene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Fluorene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Phenanthrene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Anthracene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Fluoranthene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Pyrene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Benz(a)anthracene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Chrysene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Benzo(b)fluoranthene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Benzo(k)fluoranthene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Benzo(a)pyrene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Indeno(1,2,3-cd)pyrene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Dibenz(a,h)anthracene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Benzo(g,h,i)perylene	ND	40.2	H	µg/Kg-dry	1	6/7/2020 2:29:57 PM
Surr: 2-Fluorobiphenyl	62.7	6.91 - 127	H	%Rec	1	6/7/2020 2:29:57 PM
Surr: Terphenyl-d14 (surr)	73.5	32.9 - 153	H	%Rec	1	6/7/2020 2:29:57 PM
Sample Moisture (Percent Moisture)				Batch ID: R59068		Analyst: CJ
Percent Moisture	8.89	0.500		wt%	1	5/8/2020 11:42:36 AM

Analytical Report

Work Order: **2005067**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/7/2020 2:40:00 AM
Project: F200
Lab ID: 2005067-004
Matrix: Soil
Client Sample ID: **209-PEX-8-15**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28264		Analyst: DW
Diesel (Fuel Oil)	1,920	20.6		mg/Kg-dry	1	5/7/2020 10:09:36 PM
Heavy Oil	ND	51.6		mg/Kg-dry	1	5/7/2020 10:09:36 PM
Surr: 2-Fluorobiphenyl	172	50 - 150	S	%Rec	1	5/7/2020 10:09:36 PM
Surr: o-Terphenyl	99.1	50 - 150		%Rec	1	5/7/2020 10:09:36 PM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Sample Moisture (Percent Moisture)				Batch ID: R59068		Analyst: CJ
Percent Moisture	8.28	0.500		wt%	1	5/8/2020 11:42:36 AM

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28264**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **5/7/2020**		RunNo: **59050**			
Client ID: **MBLKS**	Batch ID: **28264**					Analysis Date: **5/7/2020**		SeqNo: **1179772**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.5		20.00		77.5	50	150				
Surr: o-Terphenyl	16.6		20.00		83.3	50	150				

Sample ID: **LCS-28264**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **5/7/2020**		RunNo: **59050**			
Client ID: **LCSS**	Batch ID: **28264**					Analysis Date: **5/7/2020**		SeqNo: **1179773**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	444	20.0	500.0	0	88.7	65	135				
Surr: 2-Fluorobiphenyl	18.3		20.00		91.6	50	150				
Surr: o-Terphenyl	17.8		20.00		89.1	50	150				

Sample ID: **2005052-004AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **5/7/2020**		RunNo: **59050**			
Client ID: **BATCH**	Batch ID: **28264**					Analysis Date: **5/7/2020**		SeqNo: **1179780**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,760	20.9	521.3	2,434	62.5	65	135				SE
Surr: 2-Fluorobiphenyl	26.8		20.85		129	50	150				
Surr: o-Terphenyl	22.1		20.85		106	50	150				

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2005052-004AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **5/7/2020**		RunNo: **59050**			
Client ID: **BATCH**	Batch ID: **28264**					Analysis Date: **5/7/2020**		SeqNo: **1179781**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,410	21.4	534.7	2,434	-4.85	65	135	2,760	13.6	30	SE
Surr: 2-Fluorobiphenyl	40.2		21.39		188	50	150		0		S

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005052-004AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **BATCH** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179781**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	20.8		21.39		97.5	50	150		0		

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2005051-008ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **BATCH** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179782**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.7						0		30	
Heavy Oil	ND	54.2						0		30	
Surr: 2-Fluorobiphenyl	18.1		21.67		83.7	50	150		0		
Surr: o-Terphenyl	19.1		21.67		88.2	50	150		0		

Sample ID: **2005067-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/7/2020** RunNo: **59050**
Client ID: **209-PEX-5-15** Batch ID: **28264** Analysis Date: **5/7/2020** SeqNo: **1179786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,780	19.9						2,551	35.4	30	R
Heavy Oil	ND	49.7						85.70	91.0	30	R
Surr: 2-Fluorobiphenyl	33.2		19.87		167	50	150		0		S
Surr: o-Terphenyl	18.8		19.87		94.5	50	150		0		

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
R - High RPD observed.

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-28567**	SampType: **MBLK**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **MBLKS**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193544**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	366		500.0		73.2	6.91	127				
Surr: Terphenyl-d14 (surr)	511		500.0		102	32.9	153				

Sample ID: **LCS-28567**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **LCSS**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193545**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1,070	40.0	1,000	0	107	47.3	136				
2-Methylnaphthalene	1,130	40.0	1,000	0	113	48.6	142				
1-Methylnaphthalene	1,130	40.0	1,000	0	113	51	140				
Acenaphthylene	1,120	40.0	1,000	0	112	47.5	137				
Acenaphthene	1,120	40.0	1,000	0	112	49.1	138				

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-28567**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **LCSS**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193545**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1,150	40.0	1,000	0	115	49.3	137				
Phenanthrene	1,200	40.0	1,000	0	120	45.5	139				
Anthracene	1,140	40.0	1,000	0	114	44	139				
Fluoranthene	1,160	40.0	1,000	0	116	48.7	144				
Pyrene	1,170	40.0	1,000	0	117	47.9	143				
Benz(a)anthracene	1,260	40.0	1,000	0	126	49.8	143				
Chrysene	1,210	40.0	1,000	0	121	47.1	144				
Benzo(b)fluoranthene	1,270	40.0	1,000	0	127	44.6	150				
Benzo(k)fluoranthene	1,220	40.0	1,000	0	122	47.5	148				
Benzo(a)pyrene	1,230	40.0	1,000	0	123	45	149				
Indeno(1,2,3-cd)pyrene	1,330	40.0	1,000	0	133	41.4	146				
Dibenz(a,h)anthracene	1,360	40.0	1,000	0	136	43.4	145				
Benzo(g,h,i)perylene	1,280	40.0	1,000	0	128	42.7	144				
Surr: 2-Fluorobiphenyl	454		500.0		90.8	6.91	127				
Surr: Terphenyl-d14 (surr)	506		500.0		101	32.9	153				

Sample ID: **2006056-001ADUP**	SampType: **DUP**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **BATCH**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193549**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	37.9						0		30	
2-Methylnaphthalene	ND	37.9						0		30	
1-Methylnaphthalene	ND	37.9						0		30	
Acenaphthylene	ND	37.9						0		30	
Acenaphthene	ND	37.9						0		30	
Fluorene	ND	37.9						0		30	
Phenanthrene	ND	37.9						0		30	
Anthracene	ND	37.9						0		30	
Fluoranthene	ND	37.9						0		30	
Pyrene	ND	37.9						0		30	

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006056-001ADUP**	SampType: **DUP**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **BATCH**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193549**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	ND	37.9						0		30	
Chrysene	ND	37.9						0		30	
Benzo(b)fluoranthene	ND	37.9						0		30	
Benzo(k)fluoranthene	ND	37.9						0		30	
Benzo(a)pyrene	ND	37.9						0		30	
Indeno(1,2,3-cd)pyrene	ND	37.9						0		30	
Dibenz(a,h)anthracene	ND	37.9						0		30	
Benzo(g,h,i)perylene	ND	37.9						0		30	
Surr: 2-Fluorobiphenyl	360		473.5		76.0	6.91	127		0		
Surr: Terphenyl-d14 (surr)	408		473.5		86.2	32.9	153		0		

Sample ID: **2006056-001AMS**	SampType: **MS**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **BATCH**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193550**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	883	39.5	987.2	0	89.4	33	123				
2-Methylnaphthalene	963	39.5	987.2	0	97.5	38.9	128				
1-Methylnaphthalene	967	39.5	987.2	0	98.0	36.2	129				
Acenaphthylene	964	39.5	987.2	0	97.7	39	132				
Acenaphthene	961	39.5	987.2	0	97.4	39.5	124				
Fluorene	990	39.5	987.2	0	100	38.5	128				
Phenanthrene	1,030	39.5	987.2	0	104	34.1	130				
Anthracene	979	39.5	987.2	0	99.2	38.8	128				
Fluoranthene	998	39.5	987.2	0	101	38.6	136				
Pyrene	1,000	39.5	987.2	0	102	37.8	134				
Benz(a)anthracene	1,060	39.5	987.2	0	108	35.9	142				
Chrysene	1,030	39.5	987.2	0	104	36.7	131				
Benzo(b)fluoranthene	1,010	39.5	987.2	0	102	35	141				
Benzo(k)fluoranthene	1,110	39.5	987.2	0	113	35.9	136				
Benzo(a)pyrene	1,080	39.5	987.2	0	109	31.2	142				

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006056-001AMS**	SampType: **MS**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **BATCH**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193550**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	1,130	39.5	987.2	0	115	29.1	133				
Dibenz(a,h)anthracene	1,160	39.5	987.2	10.66	116	31.3	132				
Benzo(g,h,i)perylene	1,090	39.5	987.2	0	111	30.2	128				
Surr: 2-Fluorobiphenyl	406		493.6		82.2	6.91	127				
Surr: Terphenyl-d14 (surr)	419		493.6		84.8	32.9	153				

Sample ID: **2006056-001AMSD**	SampType: **MSD**	Units: **µg/Kg**	Prep Date: **6/5/2020**	RunNo: **59661**
Client ID: **BATCH**	Batch ID: **28567**		Analysis Date: **6/7/2020**	SeqNo: **1193551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	643	37.2	929.4	0	69.2	33	123	882.6	31.4	30	R
2-Methylnaphthalene	760	37.2	929.4	0	81.8	38.9	128	962.9	23.5	30	
1-Methylnaphthalene	766	37.2	929.4	0	82.4	36.2	129	967.5	23.2	30	
Acenaphthylene	789	37.2	929.4	0	84.9	39	132	964.1	20.0	30	
Acenaphthene	787	37.2	929.4	0	84.7	39.5	124	961.1	19.9	30	
Fluorene	819	37.2	929.4	0	88.2	38.5	128	990.2	18.9	30	
Phenanthrene	859	37.2	929.4	0	92.4	34.1	130	1,028	17.9	30	
Anthracene	817	37.2	929.4	0	87.9	38.8	128	979.2	18.0	30	
Fluoranthene	824	37.2	929.4	0	88.7	38.6	136	997.8	19.1	30	
Pyrene	835	37.2	929.4	0	89.9	37.8	134	1,004	18.4	30	
Benz(a)anthracene	895	37.2	929.4	0	96.3	35.9	142	1,065	17.4	30	
Chrysene	872	37.2	929.4	0	93.8	36.7	131	1,025	16.2	30	
Benzo(b)fluoranthene	911	37.2	929.4	0	98.0	35	141	1,006	9.89	30	
Benzo(k)fluoranthene	861	37.2	929.4	0	92.6	35.9	136	1,111	25.4	30	
Benzo(a)pyrene	870	37.2	929.4	0	93.7	31.2	142	1,075	21.1	30	
Indeno(1,2,3-cd)pyrene	935	37.2	929.4	0	101	29.1	133	1,133	19.2	30	
Dibenz(a,h)anthracene	967	37.2	929.4	10.66	103	31.3	132	1,157	17.9	30	
Benzo(g,h,i)perylene	905	37.2	929.4	0	97.4	30.2	128	1,092	18.7	30	
Surr: 2-Fluorobiphenyl	311		464.7		67.0	6.91	127		0		
Surr: Terphenyl-d14 (surr)	350		464.7		75.3	32.9	153		0		

Work Order: 2005067
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006056-001AMSD** SampType: **MSD** Units: **µg/Kg** Prep Date: **6/5/2020** RunNo: **59661**
Client ID: **BATCH** Batch ID: **28567** Analysis Date: **6/7/2020** SeqNo: **1193551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
R - High RPD observed, spike recovery is within range.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005067**
Logged by:	**Carissa True**	Date Received:	**5/7/2020 3:31:00 PM**

Chain of Custody

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

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler 1	2.0
Sample 1	4.8
Temp Blank 1	3.4

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/7/2020 Page: 1 of: 1

Laboratory Project No (internal): 2005067

Project Name: F209

Project No: 2021

Collected by: DC

Location: FL209

Report To (PM): Vance A

PM Email: vance.a@anchorllc.com

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: CSG

Address:

City, State, Zip:

Telephone:

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PEX-5-15	5/7/20	0830	S					X										
2 209-PEX-6-23	5/7/20	1030	S					X										
3 209-PEX-7-15	5/7/20	230	S					X										
4 209-PEX-8-15	5/7/20	240	S					X										
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/7/2020 1530	x [signature]	5/7/20 1531
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/7/2020 Page: 1 of: 1

Laboratory Project No (internal): 2005067

Special Remarks: ⊗Add per V.A. 6/4/20 cg

Project Name: F206

Project No: 2021

Collected by: DC

Location: FL209

Client: CSG

Address:

City, State, Zip:

Telephone:

Fax:

Report To (PM): Vance A

PM Email: vance.a@GeorgeMason.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-5-15	5/7/20	0830	S					X										
2	209-PEX-6-23	5/7/20	1030	S					X										
3	209-PEX-7-5	5/7/20	230	S					X	⊗									
4	209-PEX-8-15	5/7/20	240	S					X										
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/7/2020 1530	x [signature]	5/7/20 1531
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005082

May 11, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 2 sample(s) on 5/8/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *05/11/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005082

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005082-001	209-PEX-9-15	05/08/2020 9:05 AM	05/08/2020 3:40 PM
2005082-002	209-PEX-10-23	05/08/2020 1:25 PM	05/08/2020 3:40 PM

Case Narrative

WO#: **2005082**
Date: **5/11/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005082**
Date Reported: **5/11/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005082-001 **Collection Date:** 5/8/2020 9:05:00 AM
Client Sample ID: **209-PEX-9-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28288		Analyst: DW
Diesel (Fuel Oil)	837	19.0		mg/Kg-dry	1	5/11/2020 1:50:27 PM
Heavy Oil	116	47.5		mg/Kg-dry	1	5/11/2020 1:50:27 PM
Surr: 2-Fluorobiphenyl	106	50 - 150		%Rec	1	5/11/2020 1:50:27 PM
Surr: o-Terphenyl	98.8	50 - 150		%Rec	1	5/11/2020 1:50:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R59095		Analyst: EH
Percent Moisture	9.80	0.500		wt%	1	5/11/2020 11:01:24 AM

Lab ID: 2005082-002 **Collection Date:** 5/8/2020 1:25:00 PM
Client Sample ID: **209-PEX-10-23** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28288		Analyst: DW
Diesel (Fuel Oil)	903	20.5		mg/Kg-dry	1	5/11/2020 2:20:51 PM
Heavy Oil	ND	51.3		mg/Kg-dry	1	5/11/2020 2:20:51 PM
Surr: 2-Fluorobiphenyl	107	50 - 150		%Rec	1	5/11/2020 2:20:51 PM
Surr: o-Terphenyl	99.5	50 - 150		%Rec	1	5/11/2020 2:20:51 PM
Sample Moisture (Percent Moisture)				Batch ID: R59095		Analyst: EH
Percent Moisture	9.36	0.500		wt%	1	5/11/2020 11:01:24 AM

Work Order: 2005082
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28288**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/11/2020**	RunNo: **59108**
Client ID: **MBLKS**	Batch ID: **28288**		Analysis Date: **5/11/2020**	SeqNo: **1181001**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.2		20.00		85.9	50	150				
Surr: o-Terphenyl	17.0		20.00		85.1	50	150				

Sample ID: **LCS-28288**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/11/2020**	RunNo: **59108**
Client ID: **LCSS**	Batch ID: **28288**		Analysis Date: **5/11/2020**	SeqNo: **1181002**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	493	20.0	500.0	0	98.6	65	135				
Surr: 2-Fluorobiphenyl	19.2		20.00		96.0	50	150				
Surr: o-Terphenyl	19.7		20.00		98.5	50	150				

Sample ID: **2005082-002ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/11/2020**	RunNo: **59108**
Client ID: **209-PEX-10-23**	Batch ID: **28288**		Analysis Date: **5/11/2020**	SeqNo: **1181006**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	511	19.2						902.5	55.5	30	R
Heavy Oil	ND	47.9						0		30	
Surr: 2-Fluorobiphenyl	15.8		19.17		82.6	50	150		0		
Surr: o-Terphenyl	14.5		19.17		75.4	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005082**
Logged by:	**Clare Griggs**	Date Received:	**5/8/2020 3:40:00 PM**

Chain of Custody

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

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 Required ☑
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 ☐

Samples were collected the same day and chilled.

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: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	5.0
Sample	16.3

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/8/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2005082

Client: CSG | Project Name: F200 | Special Remarks:

Address: | Project No: 2021

City, State, Zip: | Collected by: DL

Telephone: | Location: FL209 | Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: | Report To (PM): Vance

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-9-15	5/8/20	905	S					X										
2	209-PEX-10-23	5/8/20	1345	S					X										
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/8/20 1535	x [signature]	5/8/20 1540
Relinquished	Date/Time	Received	Date/Time
x		x	

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005095

May 12, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 10 sample(s) on 5/11/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *05/12/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005095

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005095-001	209-PEX-11-20	05/11/2020 11:30 AM	05/11/2020 3:48 PM
2005095-002	209-PEX-12-15	05/11/2020 11:35 AM	05/11/2020 3:48 PM
2005095-003	209-PEX-13-20	05/11/2020 11:45 AM	05/11/2020 3:48 PM
2005095-004	209-PEX-14-15	05/11/2020 11:50 AM	05/11/2020 3:48 PM
2005095-005	209-PEX-15-30	05/11/2020 12:05 PM	05/11/2020 3:48 PM
2005095-006	209-PEX-16-30	05/11/2020 12:10 PM	05/11/2020 3:48 PM
2005095-007	209-PEX-17-15	05/11/2020 12:15 PM	05/11/2020 3:48 PM
2005095-008	209-PEX-18-20	05/11/2020 12:20 PM	05/11/2020 3:48 PM
2005095-009	209-PEX-19-15	05/11/2020 12:55 PM	05/11/2020 3:48 PM
2005095-010	209-PEX-20-20	05/11/2020 1:00 PM	05/11/2020 3:48 PM

Case Narrative

WO#: **2005095**
Date: **5/12/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005095-001 **Collection Date:** 5/11/2020 11:30:00 AM
Client Sample ID: **209-PEX-11-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	5/12/2020 11:12:32 AM
Heavy Oil	ND	53.8		mg/Kg-dry	1	5/12/2020 11:12:32 AM
Surr: 2-Fluorobiphenyl	82.9	50 - 150		%Rec	1	5/12/2020 11:12:32 AM
Surr: o-Terphenyl	81.1	50 - 150		%Rec	1	5/12/2020 11:12:32 AM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	12.2	0.500		wt%	1	5/12/2020 9:40:39 AM

Lab ID: 2005095-002 **Collection Date:** 5/11/2020 11:35:00 AM
Client Sample ID: **209-PEX-12-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	18.9		mg/Kg-dry	1	5/12/2020 11:43:12 AM
Heavy Oil	ND	47.2		mg/Kg-dry	1	5/12/2020 11:43:12 AM
Surr: 2-Fluorobiphenyl	79.5	50 - 150		%Rec	1	5/12/2020 11:43:12 AM
Surr: o-Terphenyl	76.7	50 - 150		%Rec	1	5/12/2020 11:43:12 AM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	8.29	0.500		wt%	1	5/12/2020 9:40:39 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005095-003 **Collection Date:** 5/11/2020 11:45:00 AM
Client Sample ID: **209-PEX-13-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	18.9		mg/Kg-dry	1	5/12/2020 12:13:48 PM
Heavy Oil	ND	47.2		mg/Kg-dry	1	5/12/2020 12:13:48 PM
Surr: 2-Fluorobiphenyl	79.0	50 - 150		%Rec	1	5/12/2020 12:13:48 PM
Surr: o-Terphenyl	76.9	50 - 150		%Rec	1	5/12/2020 12:13:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	6.61	0.500		wt%	1	5/12/2020 9:40:39 AM

Lab ID: 2005095-004 **Collection Date:** 5/11/2020 11:50:00 AM
Client Sample ID: **209-PEX-14-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	21.1		mg/Kg-dry	1	5/12/2020 12:44:28 PM
Heavy Oil	ND	52.6		mg/Kg-dry	1	5/12/2020 12:44:28 PM
Surr: 2-Fluorobiphenyl	69.6	50 - 150		%Rec	1	5/12/2020 12:44:28 PM
Surr: o-Terphenyl	67.0	50 - 150		%Rec	1	5/12/2020 12:44:28 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	9.94	0.500		wt%	1	5/12/2020 9:40:39 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005095-005 **Collection Date:** 5/11/2020 12:05:00 PM
Client Sample ID: **209-PEX-15-30** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	1,400	20.6		mg/Kg-dry	1	5/12/2020 1:15:02 PM
Heavy Oil	ND	51.5		mg/Kg-dry	1	5/12/2020 1:15:02 PM
Surr: 2-Fluorobiphenyl	74.0	50 - 150		%Rec	1	5/12/2020 1:15:02 PM
Surr: o-Terphenyl	84.7	50 - 150		%Rec	1	5/12/2020 1:15:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	7.55	0.500		wt%	1	5/12/2020 9:40:39 AM

Lab ID: 2005095-006 **Collection Date:** 5/11/2020 12:10:00 PM
Client Sample ID: **209-PEX-16-30** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	1,960	20.2		mg/Kg-dry	1	5/12/2020 1:45:43 PM
Heavy Oil	ND	50.5		mg/Kg-dry	1	5/12/2020 1:45:43 PM
Surr: 2-Fluorobiphenyl	72.2	50 - 150		%Rec	1	5/12/2020 1:45:43 PM
Surr: o-Terphenyl	91.5	50 - 150		%Rec	1	5/12/2020 1:45:43 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	8.68	0.500		wt%	1	5/12/2020 9:40:39 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005095-007 **Collection Date:** 5/11/2020 12:15:00 PM
Client Sample ID: **209-PEX-17-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	19.8		mg/Kg-dry	1	5/12/2020 2:16:15 PM
Heavy Oil	ND	49.4		mg/Kg-dry	1	5/12/2020 2:16:15 PM
Surr: 2-Fluorobiphenyl	78.0	50 - 150		%Rec	1	5/12/2020 2:16:15 PM
Surr: o-Terphenyl	75.4	50 - 150		%Rec	1	5/12/2020 2:16:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	8.24	0.500		wt%	1	5/12/2020 9:40:39 AM

Lab ID: 2005095-008 **Collection Date:** 5/11/2020 12:20:00 PM
Client Sample ID: **209-PEX-18-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	5/12/2020 2:16:15 PM
Heavy Oil	ND	49.2		mg/Kg-dry	1	5/12/2020 2:16:15 PM
Surr: 2-Fluorobiphenyl	80.9	50 - 150		%Rec	1	5/12/2020 2:16:15 PM
Surr: o-Terphenyl	80.3	50 - 150		%Rec	1	5/12/2020 2:16:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	8.14	0.500		wt%	1	5/12/2020 9:40:39 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005095-009 **Collection Date:** 5/11/2020 12:55:00 PM
Client Sample ID: **209-PEX-19-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	5/12/2020 2:46:55 PM
Heavy Oil	ND	52.0		mg/Kg-dry	1	5/12/2020 2:46:55 PM
Surr: 2-Fluorobiphenyl	78.6	50 - 150		%Rec	1	5/12/2020 2:46:55 PM
Surr: o-Terphenyl	76.2	50 - 150		%Rec	1	5/12/2020 2:46:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	9.05	0.500		wt%	1	5/12/2020 9:40:39 AM

Lab ID: 2005095-010 **Collection Date:** 5/11/2020 1:00:00 PM
Client Sample ID: **209-PEX-20-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28303		Analyst: DW
Diesel (Fuel Oil)	201	18.2		mg/Kg-dry	1	5/12/2020 12:13:48 PM
Heavy Oil	ND	45.4		mg/Kg-dry	1	5/12/2020 12:13:48 PM
Surr: 2-Fluorobiphenyl	84.8	50 - 150		%Rec	1	5/12/2020 12:13:48 PM
Surr: o-Terphenyl	78.7	50 - 150		%Rec	1	5/12/2020 12:13:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R59116		Analyst: MM
Percent Moisture	7.88	0.500		wt%	1	5/12/2020 9:40:39 AM

Work Order: 2005095
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28303**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **MBLKS**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181462**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.3		20.00		86.4	50	150				
Surr: o-Terphenyl	17.0		20.00		85.2	50	150				

Sample ID: **LCS-28303**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **LCSS**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181463**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	468	20.0	500.0	0	93.7	65	135				
Surr: 2-Fluorobiphenyl	18.1		20.00		90.6	50	150				
Surr: o-Terphenyl	16.4		20.00		81.8	50	150				

Sample ID: **2005095-010ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **209-PEX-20-20**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181465**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	221	21.3						201.5	9.13	30	
Heavy Oil	110	53.2						32.06	109	30	R
Surr: 2-Fluorobiphenyl	18.9		21.26		88.9	50	150		0		
Surr: o-Terphenyl	17.3		21.26		81.4	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity.

Sample ID: **2005095-010AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **209-PEX-20-20**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181466**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	643	18.8	469.5	201.5	94.0	65	135				

Work Order: 2005095
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005095-010AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **209-PEX-20-20**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181466**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	16.9		18.78		89.8	50	150				
Surr: o-Terphenyl	15.2		18.78		81.0	50	150				

Sample ID: **2005095-010AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **5/11/2020**	RunNo: **59132**
Client ID: **209-PEX-20-20**	Batch ID: **28303**		Analysis Date: **5/12/2020**	SeqNo: **1181467**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	633	19.8	493.9	201.5	87.4	65	135	643.0	1.52	30	
Surr: 2-Fluorobiphenyl	19.1		19.76		96.8	50	150		0		
Surr: o-Terphenyl	16.0		19.76		80.7	50	150		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005095**
Logged by:	**Clare Griggs**	Date Received:	**5/11/2020 3:48:00 PM**

Chain of Custody

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

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 Required ☑
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 ☐
	Samples were collected the same day and chilled.					
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:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	4.6
Sample	21.2

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/11/2020 Page: 1 of:

Laboratory Project No (internal): 20058095

Project Name: P209

Special Remarks:

Client: OSG

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vance +

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-11-20	5/11/20	1130	S					X										
2	209-PEX-12-15		1135						X										
3	209-PEX-13-20		1145						X										
4	209-PEX-14-15		1150						X										
5	209-PEX-15-30		1205						X										
6	209-PEX-16-30		1210						X										
7	209-PEX-17-15		1215						X										
8	209-PEX-18-20		1220						X										
9	209-PEX-19-15		1255						X										
10	209-PEX-20-20	↓	1300	↓					X										

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/11/2020 1525	x [signature]	5/11/20 1548
Relinquished	Date/Time	Received	Date/Time
x		x	

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005114

June 08, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 12 sample(s) on 5/12/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B
Volatile Organic Compounds by EPA Method 8260D

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

Date: *06/08/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005114

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005114-001	209-PEX-21-15	05/12/2020 9:50 AM	05/12/2020 3:21 PM
2005114-002	209-PEX-22-15	05/12/2020 9:55 AM	05/12/2020 3:21 PM
2005114-003	209-PEX-23-10	05/12/2020 10:00 AM	05/12/2020 3:21 PM
2005114-004	209-PEX-24-10	05/12/2020 10:05 AM	05/12/2020 3:21 PM
2005114-005	209-PEX-25-20	05/12/2020 10:10 AM	05/12/2020 3:21 PM
2005114-006	209-PEX-26-15	05/12/2020 10:15 AM	05/12/2020 3:21 PM
2005114-007	209-PEX-27-20	05/12/2020 10:20 AM	05/12/2020 3:21 PM
2005114-008	209-PEX-28-10	05/12/2020 10:25 AM	05/12/2020 3:21 PM
2005114-009	209-PEX-30-3	05/12/2020 2:25 PM	05/12/2020 3:21 PM
2005114-010	209-PEX-31-3	05/12/2020 2:30 PM	05/12/2020 3:21 PM
2005114-011	209-PEX-32-5	05/12/2020 2:35 PM	05/12/2020 3:21 PM
2005114-012	209-PEX-33-5	05/12/2020 2:40 PM	05/12/2020 3:21 PM

Case Narrative

WO#: **2005114**
Date: **6/8/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

5/14/2020: Revision 1 includes data for a dilution run on 209-PEX-26-15.

6/8/2020: Revision 2 includes data for additional analyses requested by the client.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 9:50:00 AM
Project: F200
Lab ID: 2005114-001
Matrix: Soil
Client Sample ID: 209-PEX-21-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	ND	21.1		mg/Kg-dry	1	5/13/2020 11:28:34 AM
Heavy Oil	ND	52.7		mg/Kg-dry	1	5/13/2020 11:28:34 AM
Surr: 2-Fluorobiphenyl	84.3	50 - 150		%Rec	1	5/13/2020 11:28:34 AM
Surr: o-Terphenyl	83.1	50 - 150		%Rec	1	5/13/2020 11:28:34 AM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	7.10	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 9:55:00 AM
Project: F200
Lab ID: 2005114-002
Matrix: Soil
Client Sample ID: 209-PEX-22-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	ND	19.2		mg/Kg-dry	1	5/13/2020 11:59:17 AM
Heavy Oil	ND	48.0		mg/Kg-dry	1	5/13/2020 11:59:17 AM
Surr: 2-Fluorobiphenyl	87.3	50 - 150		%Rec	1	5/13/2020 11:59:17 AM
Surr: o-Terphenyl	85.5	50 - 150		%Rec	1	5/13/2020 11:59:17 AM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	8.92	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:00:00 AM
Project: F200
Lab ID: 2005114-003
Matrix: Soil
Client Sample ID: 209-PEX-23-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	228	19.6		mg/Kg-dry	1	5/13/2020 12:29:49 PM
Heavy Oil	ND	49.1		mg/Kg-dry	1	5/13/2020 12:29:49 PM
Surr: 2-Fluorobiphenyl	84.1	50 - 150		%Rec	1	5/13/2020 12:29:49 PM
Surr: o-Terphenyl	79.4	50 - 150		%Rec	1	5/13/2020 12:29:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	8.67	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:05:00 AM
Project: F200
Lab ID: 2005114-004
Matrix: Soil
Client Sample ID: 209-PEX-24-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	616	20.6		mg/Kg-dry	1	5/13/2020 12:29:49 PM
Heavy Oil	190	51.6		mg/Kg-dry	1	5/13/2020 12:29:49 PM
Surr: 2-Fluorobiphenyl	92.0	50 - 150		%Rec	1	5/13/2020 12:29:49 PM
Surr: o-Terphenyl	87.5	50 - 150		%Rec	1	5/13/2020 12:29:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	10.7	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:10:00 AM
Project: F200
Lab ID: 2005114-005
Matrix: Soil
Client Sample ID: 209-PEX-25-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	22.7	18.2		mg/Kg-dry	1	5/13/2020 1:00:24 PM
Heavy Oil	ND	45.6		mg/Kg-dry	1	5/13/2020 1:00:24 PM
Surr: 2-Fluorobiphenyl	77.9	50 - 150		%Rec	1	5/13/2020 1:00:24 PM
Surr: o-Terphenyl	75.7	50 - 150		%Rec	1	5/13/2020 1:00:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	7.67	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:15:00 AM
Project: F200
Lab ID: 2005114-006
Matrix: Soil
Client Sample ID: 209-PEX-26-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	5,080	206	D	mg/Kg-dry	10	5/13/2020 5:22:32 PM
Heavy Oil	ND	51.5		mg/Kg-dry	1	5/13/2020 1:00:24 PM
Surr: 2-Fluorobiphenyl	86.1	50 - 150		%Rec	1	5/13/2020 1:00:24 PM
Surr: o-Terphenyl	79.4	50 - 150		%Rec	1	5/13/2020 1:00:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	8.99	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:20:00 AM
Project: F200
Lab ID: 2005114-007
Matrix: Soil
Client Sample ID: 209-PEX-27-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	308	20.4		mg/Kg-dry	1	5/13/2020 1:30:54 PM
Heavy Oil	ND	50.9		mg/Kg-dry	1	5/13/2020 1:30:54 PM
Surr: 2-Fluorobiphenyl	83.5	50 - 150		%Rec	1	5/13/2020 1:30:54 PM
Surr: o-Terphenyl	78.2	50 - 150		%Rec	1	5/13/2020 1:30:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	7.76	0.500		wt%	1	5/13/2020 8:40:38 AM

Analytical Report

Work Order: **2005114**
Date Reported: **6/8/2020**

Client: O'Neill Service Group
Collection Date: 5/12/2020 10:25:00 AM
Project: F200
Lab ID: 2005114-008
Matrix: Soil
Client Sample ID: 209-PEX-28-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	1,670	20.1		mg/Kg-dry	1	5/13/2020 1:30:54 PM
Heavy Oil	302	50.2		mg/Kg-dry	1	5/13/2020 1:30:54 PM
Surr: 2-Fluorobiphenyl	89.4	50 - 150		%Rec	1	5/13/2020 1:30:54 PM
Surr: o-Terphenyl	90.5	50 - 150		%Rec	1	5/13/2020 1:30:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	11.3	0.500		wt%	1	5/13/2020 8:40:38 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:25:00 PM
Project: F200
Lab ID: 2005114-009
Matrix: Soil
Client Sample ID: **209-PEX-30-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	155	19.9		mg/Kg-dry	1	5/13/2020 2:01:29 PM
Heavy Oil	108	49.8		mg/Kg-dry	1	5/13/2020 2:01:29 PM
Surr: 2-Fluorobiphenyl	80.3	50 - 150		%Rec	1	5/13/2020 2:01:29 PM
Surr: o-Terphenyl	76.8	50 - 150		%Rec	1	5/13/2020 2:01:29 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Chloromethane	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Vinyl chloride	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Bromomethane	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Trichlorofluoromethane (CFC-11)	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Chloroethane	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1-Dichloroethene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Methylene chloride	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
trans-1,2-Dichloroethene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Methyl tert-butyl ether (MTBE)	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1-Dichloroethane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
cis-1,2-Dichloroethene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Chloroform	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1,1-Trichloroethane (TCA)	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1-Dichloropropene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Carbon tetrachloride	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2-Dichloroethane (EDC)	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Benzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Trichloroethene (TCE)	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2-Dichloropropane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Bromodichloromethane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Dibromomethane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
cis-1,3-Dichloropropene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Toluene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
trans-1,3-Dichloropropylene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1,2-Trichloroethane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,3-Dichloropropane	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Tetrachloroethene (PCE)	0.0827	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Dibromochloromethane	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2-Dibromoethane (EDB)	ND	0.00787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Chlorobenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1,1,2-Tetrachloroethane	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:25:00 PM
Project: F200
Lab ID: 2005114-009
Matrix: Soil
Client Sample ID: **209-PEX-30-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Ethylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
m,p-Xylene	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
o-Xylene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Styrene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Isopropylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Bromoform	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,1,2,2-Tetrachloroethane	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
n-Propylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Bromobenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,3,5-Trimethylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
2-Chlorotoluene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
4-Chlorotoluene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
tert-Butylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2,3-Trichloropropane	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2,4-Trichlorobenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
sec-Butylbenzene	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
4-Isopropyltoluene	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,3-Dichlorobenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,4-Dichlorobenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
n-Butylbenzene	ND	0.0394		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2-Dichlorobenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2-Dibromo-3-chloropropane	ND	0.787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2,4-Trimethylbenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Hexachloro-1,3-butadiene	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Naphthalene	ND	0.0787		mg/Kg-dry	1	5/13/2020 8:10:22 AM
1,2,3-Trichlorobenzene	ND	0.0315		mg/Kg-dry	1	5/13/2020 8:10:22 AM
Surr: Dibromofluoromethane	102	80 - 116		%Rec	1	5/13/2020 8:10:22 AM
Surr: Toluene-d8	99.5	84.8 - 113		%Rec	1	5/13/2020 8:10:22 AM
Surr: 1-Bromo-4-fluorobenzene	97.6	82.8 - 113		%Rec	1	5/13/2020 8:10:22 AM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	13.7	0.500		wt%	1	5/13/2020 8:40:38 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:30:00 PM
Project: F200
Lab ID: 2005114-010
Matrix: Soil
Client Sample ID: 209-PEX-31-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	ND	21.4		mg/Kg-dry	1	5/13/2020 2:31:58 PM
Heavy Oil	ND	53.4		mg/Kg-dry	1	5/13/2020 2:31:58 PM
Surr: 2-Fluorobiphenyl	75.6	50 - 150		%Rec	1	5/13/2020 2:31:58 PM
Surr: o-Terphenyl	74.0	50 - 150		%Rec	1	5/13/2020 2:31:58 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Chloromethane	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Vinyl chloride	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Bromomethane	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Trichlorofluoromethane (CFC-11)	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Chloroethane	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1-Dichloroethene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Methylene chloride	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
trans-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Methyl tert-butyl ether (MTBE)	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1-Dichloroethane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
cis-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Chloroform	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1,1-Trichloroethane (TCA)	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1-Dichloropropene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Carbon tetrachloride	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2-Dichloroethane (EDC)	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Benzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Trichloroethene (TCE)	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2-Dichloropropane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Bromodichloromethane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Dibromomethane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
cis-1,3-Dichloropropene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Toluene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
trans-1,3-Dichloropropylene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1,2-Trichloroethane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,3-Dichloropropane	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Tetrachloroethene (PCE)	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Dibromochloromethane	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2-Dibromoethane (EDB)	ND	0.00613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Chlorobenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1,1,2-Tetrachloroethane	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:30:00 PM
Project: F200
Lab ID: 2005114-010
Matrix: Soil
Client Sample ID: **209-PEX-31-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Ethylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
m,p-Xylene	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
o-Xylene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Styrene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Isopropylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Bromoform	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,1,2,2-Tetrachloroethane	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
n-Propylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Bromobenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,3,5-Trimethylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
2-Chlorotoluene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
4-Chlorotoluene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
tert-Butylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2,3-Trichloropropane	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2,4-Trichlorobenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
sec-Butylbenzene	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
4-Isopropyltoluene	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,3-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,4-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
n-Butylbenzene	ND	0.0306		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2-Dichlorobenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2-Dibromo-3-chloropropane	ND	0.613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2,4-Trimethylbenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Hexachloro-1,3-butadiene	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Naphthalene	ND	0.0613		mg/Kg-dry	1	5/13/2020 9:10:40 AM
1,2,3-Trichlorobenzene	ND	0.0245		mg/Kg-dry	1	5/13/2020 9:10:40 AM
Surr: Dibromofluoromethane	96.7	80 - 116		%Rec	1	5/13/2020 9:10:40 AM
Surr: Toluene-d8	99.1	84.8 - 113		%Rec	1	5/13/2020 9:10:40 AM
Surr: 1-Bromo-4-fluorobenzene	97.6	82.8 - 113		%Rec	1	5/13/2020 9:10:40 AM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	12.5	0.500		wt%	1	5/13/2020 8:40:38 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:35:00 PM
Project: F200
Lab ID: 2005114-011
Matrix: Soil
Client Sample ID: **209-PEX-32-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	ND	18.4		mg/Kg-dry	1	5/13/2020 2:01:29 PM
Heavy Oil	ND	46.0		mg/Kg-dry	1	5/13/2020 2:01:29 PM
Surr: 2-Fluorobiphenyl	85.5	50 - 150		%Rec	1	5/13/2020 2:01:29 PM
Surr: o-Terphenyl	84.2	50 - 150		%Rec	1	5/13/2020 2:01:29 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Chloromethane	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Vinyl chloride	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Bromomethane	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Trichlorofluoromethane (CFC-11)	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Chloroethane	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1-Dichloroethene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Methylene chloride	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
trans-1,2-Dichloroethene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Methyl tert-butyl ether (MTBE)	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1-Dichloroethane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
cis-1,2-Dichloroethene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Chloroform	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1,1-Trichloroethane (TCA)	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1-Dichloropropene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Carbon tetrachloride	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2-Dichloroethane (EDC)	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Benzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Trichloroethene (TCE)	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2-Dichloropropane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Bromodichloromethane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Dibromomethane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
cis-1,3-Dichloropropene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Toluene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
trans-1,3-Dichloropropylene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1,2-Trichloroethane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,3-Dichloropropane	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Tetrachloroethene (PCE)	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Dibromochloromethane	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2-Dibromoethane (EDB)	ND	0.00642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Chlorobenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1,1,2-Tetrachloroethane	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:35:00 PM
Project: F200
Lab ID: 2005114-011
Matrix: Soil
Client Sample ID: **209-PEX-32-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Ethylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
m,p-Xylene	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
o-Xylene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Styrene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Isopropylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Bromoform	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,1,2,2-Tetrachloroethane	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
n-Propylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Bromobenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,3,5-Trimethylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
2-Chlorotoluene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
4-Chlorotoluene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
tert-Butylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2,3-Trichloropropane	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2,4-Trichlorobenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
sec-Butylbenzene	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
4-Isopropyltoluene	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,3-Dichlorobenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,4-Dichlorobenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
n-Butylbenzene	ND	0.0321		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2-Dichlorobenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2-Dibromo-3-chloropropane	ND	0.642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2,4-Trimethylbenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Hexachloro-1,3-butadiene	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Naphthalene	ND	0.0642		mg/Kg-dry	1	5/13/2020 9:47:28 AM
1,2,3-Trichlorobenzene	ND	0.0257		mg/Kg-dry	1	5/13/2020 9:47:28 AM
Surr: Dibromofluoromethane	98.3	80 - 116		%Rec	1	5/13/2020 9:47:28 AM
Surr: Toluene-d8	100	84.8 - 113		%Rec	1	5/13/2020 9:47:28 AM
Surr: 1-Bromo-4-fluorobenzene	96.4	82.8 - 113		%Rec	1	5/13/2020 9:47:28 AM
Total Metals by EPA Method 6020B				Batch ID: 28562		Analyst: CO
Cadmium	ND	0.170		mg/Kg-dry	1	6/5/2020 3:09:11 PM
Lead	1.76	0.170		mg/Kg-dry	1	6/5/2020 3:09:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	8.26	0.500		wt%	1	5/13/2020 8:40:38 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:40:00 PM
Project: F200
Lab ID: 2005114-012
Matrix: Soil
Client Sample ID: **209-PEX-33-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28314		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	5/13/2020 2:31:58 PM
Heavy Oil	ND	51.2		mg/Kg-dry	1	5/13/2020 2:31:58 PM
Surr: 2-Fluorobiphenyl	85.3	50 - 150		%Rec	1	5/13/2020 2:31:58 PM
Surr: o-Terphenyl	83.8	50 - 150		%Rec	1	5/13/2020 2:31:58 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Chloromethane	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Vinyl chloride	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Bromomethane	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Trichlorofluoromethane (CFC-11)	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Chloroethane	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1-Dichloroethene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Methylene chloride	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
trans-1,2-Dichloroethene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Methyl tert-butyl ether (MTBE)	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1-Dichloroethane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
cis-1,2-Dichloroethene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Chloroform	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1,1-Trichloroethane (TCA)	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1-Dichloropropene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Carbon tetrachloride	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2-Dichloroethane (EDC)	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Benzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Trichloroethene (TCE)	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2-Dichloropropane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Bromodichloromethane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Dibromomethane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
cis-1,3-Dichloropropene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Toluene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
trans-1,3-Dichloropropylene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1,2-Trichloroethane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,3-Dichloropropane	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Tetrachloroethene (PCE)	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Dibromochloromethane	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2-Dibromoethane (EDB)	ND	0.00632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Chlorobenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1,1,2-Tetrachloroethane	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM

Client: O'Neill Service Group
Collection Date: 5/12/2020 2:40:00 PM
Project: F200
Lab ID: 2005114-012
Matrix: Soil
Client Sample ID: **209-PEX-33-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28316		Analyst: KT
Ethylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
m,p-Xylene	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
o-Xylene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Styrene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Isopropylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Bromoform	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,1,2,2-Tetrachloroethane	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
n-Propylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Bromobenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,3,5-Trimethylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
2-Chlorotoluene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
4-Chlorotoluene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
tert-Butylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2,3-Trichloropropane	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2,4-Trichlorobenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
sec-Butylbenzene	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
4-Isopropyltoluene	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,3-Dichlorobenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,4-Dichlorobenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
n-Butylbenzene	ND	0.0316		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2-Dichlorobenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2-Dibromo-3-chloropropane	ND	0.632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2,4-Trimethylbenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Hexachloro-1,3-butadiene	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Naphthalene	ND	0.0632		mg/Kg-dry	1	5/13/2020 10:17:36 AM
1,2,3-Trichlorobenzene	ND	0.0253		mg/Kg-dry	1	5/13/2020 10:17:36 AM
Surr: Dibromofluoromethane	95.1	80 - 116		%Rec	1	5/13/2020 10:17:36 AM
Surr: Toluene-d8	98.8	84.8 - 113		%Rec	1	5/13/2020 10:17:36 AM
Surr: 1-Bromo-4-fluorobenzene	96.4	82.8 - 113		%Rec	1	5/13/2020 10:17:36 AM
Total Metals by EPA Method 6020B				Batch ID: 28562		Analyst: CO
Cadmium	ND	0.162		mg/Kg-dry	1	6/5/2020 3:14:44 PM
Lead	1.27	0.162		mg/Kg-dry	1	6/5/2020 3:14:44 PM
Sample Moisture (Percent Moisture)				Batch ID: R59143		Analyst: CJ
Percent Moisture	6.34	0.500		wt%	1	5/13/2020 8:40:38 AM

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28314**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/12/2020**	RunNo: **59163**
Client ID: **MBLKS**	Batch ID: **28314**		Analysis Date: **5/13/2020**	SeqNo: **1182135**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.4		20.00		82.0	50	150				
Surr: o-Terphenyl	15.9		20.00		79.4	50	150				

Sample ID: **LCS-28314**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/12/2020**	RunNo: **59163**
Client ID: **LCSS**	Batch ID: **28314**		Analysis Date: **5/13/2020**	SeqNo: **1182136**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	451	20.0	500.0	0	90.3	65	135				
Surr: 2-Fluorobiphenyl	17.6		20.00		88.0	50	150				
Surr: o-Terphenyl	17.6		20.00		88.0	50	150				

Sample ID: **2005114-010ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/12/2020**	RunNo: **59163**
Client ID: **209-PEX-31-3**	Batch ID: **28314**		Analysis Date: **5/13/2020**	SeqNo: **1182330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	22.1						0		30	
Heavy Oil	ND	55.2						0		30	
Surr: 2-Fluorobiphenyl	17.5		22.07		79.2	50	150		0		
Surr: o-Terphenyl	17.0		22.07		76.9	50	150		0		

Sample ID: **2005114-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/12/2020**	RunNo: **59164**
Client ID: **209-PEX-21-15**	Batch ID: **28314**		Analysis Date: **5/13/2020**	SeqNo: **1182333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.4						0		30	
Heavy Oil	ND	51.1						0		30	
Surr: 2-Fluorobiphenyl	17.7		20.43		86.7	50	150		0		

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005114-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **5/12/2020**		RunNo: **59164**		
Client ID: **209-PEX-21-15**	Batch ID: **28314**					Analysis Date: **5/13/2020**		SeqNo: **1182333**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	17.5		20.43		85.9	50	150		0		

Sample ID: **2005114-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **5/12/2020**		RunNo: **59164**		
Client ID: **209-PEX-21-15**	Batch ID: **28314**					Analysis Date: **5/13/2020**		SeqNo: **1182334**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	554	19.0	474.2	5.472	116	65	135				
Surr: 2-Fluorobiphenyl	17.8		18.97		93.9	50	150				
Surr: o-Terphenyl	16.5		18.97		87.0	50	150				

Sample ID: **2005114-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **5/12/2020**		RunNo: **59164**		
Client ID: **209-PEX-21-15**	Batch ID: **28314**					Analysis Date: **5/13/2020**		SeqNo: **1182335**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	603	19.4	484.9	5.472	123	65	135	554.2	8.42	30	
Surr: 2-Fluorobiphenyl	18.1		19.40		93.5	50	150		0		
Surr: o-Terphenyl	16.9		19.40		86.9	50	150		0		

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-28562**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **MBLKS**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192975**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	0.155									
Lead	ND	0.155									

Sample ID: **LCS-28562**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **LCSS**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192976**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	1.75	0.150	1.880	0	93.0	80	120				

Sample ID: **2005160-002ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **BATCH**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192978**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.371	0.183						0.2849	26.4	20	
Lead	29.6	0.183						36.67	21.4	20	R

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.
B - Indicates a detection in the ICB or CCB.

Sample ID: **2005160-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **BATCH**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192980**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.66	0.185	2.312	0.2849	103	75	125				
Lead	45.8	0.185	23.12	36.67	39.6	75	125				S

NOTES:
S - Outlying spike recovery(ies) observed due to high sample concentration. Spike recoveries in this range may not be meaningful.

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2005160-002AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **BATCH**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192981**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.73	0.179	2.241	0.2849	109	75	125	2.657	2.53	20	
Lead	40.3	0.179	22.41	36.67	16.3	75	125	45.83	12.8	20	S

NOTES:
S - Outlying spike recovery(ies) observed due to high sample concentration. Spike recoveries in this range may not be meaningful.

Sample ID: **LCS-28562**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **LCSS**	Batch ID: **28562**		Analysis Date: **6/8/2020**	SeqNo: **1193441**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	19.3	0.150	18.80	0	103	80	120				

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28316** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **LCSS** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.77	0.0200	1.000	0	177	21.6	169				S
Chloromethane	1.26	0.0500	1.000	0	126	45.3	153				
Vinyl chloride	1.18	0.0250	1.000	0	118	57.5	137				
Bromomethane	1.46	0.0500	1.000	0	146	32.8	194				
Trichlorofluoromethane (CFC-11)	1.10	0.0200	1.000	0	110	54.3	152				
Chloroethane	1.10	0.0500	1.000	0	110	52	146				
1,1-Dichloroethene	1.02	0.0200	1.000	0	102	62.8	139				
Methylene chloride	0.953	0.0200	1.000	0	95.3	78.4	118				
trans-1,2-Dichloroethene	0.981	0.0200	1.000	0	98.1	82	117				
Methyl tert-butyl ether (MTBE)	1.02	0.0500	1.000	0	102	72.4	122				
1,1-Dichloroethane	0.971	0.0200	1.000	0	97.1	78	119				
cis-1,2-Dichloroethene	0.969	0.0200	1.000	0	96.9	81.9	116				
Chloroform	0.979	0.0200	1.000	0	97.9	80.8	117				
1,1,1-Trichloroethane (TCA)	0.976	0.0250	1.000	0	97.6	81.4	117				
1,1-Dichloropropene	0.994	0.0200	1.000	0	99.4	79.9	117				
Carbon tetrachloride	0.983	0.0500	1.000	0	98.3	80.4	117				
1,2-Dichloroethane (EDC)	1.01	0.0200	1.000	0	101	77.5	117				
Benzene	0.986	0.0200	1.000	0	98.6	81	116				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	83.4	115				
1,2-Dichloropropane	0.979	0.0200	1.000	0	97.9	77.6	117				
Bromodichloromethane	0.968	0.0200	1.000	0	96.8	78.9	116				
Dibromomethane	0.980	0.0200	1.000	0	98.0	81.2	115				
cis-1,3-Dichloropropene	0.975	0.0200	1.000	0	97.5	78	115				
Toluene	0.970	0.0200	1.000	0	97.0	82.8	117				
trans-1,3-Dichloropropylene	0.975	0.0200	1.000	0	97.5	75.7	117				
1,1,2-Trichloroethane	1.00	0.0200	1.000	0	100	77.9	118				
1,3-Dichloropropane	1.01	0.0250	1.000	0	101	77.1	118				
Tetrachloroethene (PCE)	0.963	0.0250	1.000	0	96.3	84.3	117				
Dibromochloromethane	0.950	0.0250	1.000	0	95.0	77.9	118				
1,2-Dibromoethane (EDB)	0.993	0.00500	1.000	0	99.3	78.6	117				
Chlorobenzene	1.03	0.0250	1.000	0	103	86.5	113				

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28316** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **LCSS** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.05	0.0250	1.000	0	105	84.8	113				
Ethylbenzene	1.06	0.0250	1.000	0	106	86.3	115				
m,p-Xylene	2.07	0.0500	2.000	0	104	86.8	115				
o-Xylene	1.03	0.0250	1.000	0	103	86.2	114				
Styrene	1.02	0.0250	1.000	0	102	86	114				
Isopropylbenzene	1.04	0.0250	1.000	0	104	85	117				
Bromoform	1.02	0.0500	1.000	0	102	70.7	125				
1,1,2,2-Tetrachloroethane	1.10	0.0200	1.000	0	110	68.3	125				
n-Propylbenzene	1.06	0.0250	1.000	0	106	84.4	119				
Bromobenzene	1.02	0.0200	1.000	0	102	84	117				
1,3,5-Trimethylbenzene	1.04	0.0250	1.000	0	104	84	118				
2-Chlorotoluene	1.04	0.0250	1.000	0	104	80.4	122				
4-Chlorotoluene	1.05	0.0250	1.000	0	105	83.1	118				
tert-Butylbenzene	1.03	0.0250	1.000	0	103	83.3	117				
1,2,3-Trichloropropane	1.08	0.0250	1.000	0	108	71	125				
1,2,4-Trichlorobenzene	1.05	0.0250	1.000	0	105	81	126				
sec-Butylbenzene	1.04	0.0500	1.000	0	104	82.9	119				
4-Isopropyltoluene	1.04	0.0500	1.000	0	104	82.8	119				
1,3-Dichlorobenzene	1.05	0.0200	1.000	0	105	90.4	115				
1,4-Dichlorobenzene	1.06	0.0200	1.000	0	106	90.3	115				
n-Butylbenzene	1.08	0.0250	1.000	0	108	83.6	120				
1,2-Dichlorobenzene	1.06	0.0200	1.000	0	106	90.3	115				
1,2-Dibromo-3-chloropropane	1.11	0.500	1.000	0	111	62.3	136				
1,2,4-Trimethylbenzene	1.05	0.0200	1.000	0	105	84.1	119				
Hexachloro-1,3-butadiene	1.08	0.0500	1.000	0	108	77.8	133				
Naphthalene	1.09	0.0500	1.000	0	109	69.6	133				
1,2,3-Trichlorobenzene	1.06	0.0200	1.000	0	106	75.9	130				
Surr: Dibromofluoromethane	1.22		1.250		97.3	80	116				
Surr: Toluene-d8	1.17		1.250		94.0	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	82.8	113				

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28316**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/13/2020**	RunNo: **59153**
Client ID: **LCSS**	Batch ID: **28316**		Analysis Date: **5/13/2020**	SeqNo: **1181766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **MB-28316**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/13/2020**	RunNo: **59153**
Client ID: **MBLKS**	Batch ID: **28316**		Analysis Date: **5/13/2020**	SeqNo: **1181767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28316** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **MBLKS** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Styrene	ND	0.0250									
Isopropylbenzene	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0250									
Bromobenzene	ND	0.0200									
1,3,5-Trimethylbenzene	ND	0.0250									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
tert-Butylbenzene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0250									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.0200									

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28316** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **MBLKS** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	ND	0.0500									
Naphthalene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.17		1.250		93.7	80	116				
Surr: Toluene-d8	1.23		1.250		98.2	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.3	82.8	113				

Sample ID: **2005114-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-30-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181761**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0315						0		30	
Chloromethane	ND	0.0787						0		30	
Vinyl chloride	ND	0.0394						0		30	
Bromomethane	ND	0.0787						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0315						0		30	
Chloroethane	ND	0.0787						0		30	
1,1-Dichloroethene	ND	0.0315						0		30	
Methylene chloride	ND	0.0315						0		30	
trans-1,2-Dichloroethene	ND	0.0315						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0787						0		30	
1,1-Dichloroethane	ND	0.0315						0		30	
cis-1,2-Dichloroethene	ND	0.0315						0		30	
Chloroform	ND	0.0315						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0394						0		30	
1,1-Dichloropropene	ND	0.0315						0		30	
Carbon tetrachloride	ND	0.0787						0		30	
1,2-Dichloroethane (EDC)	ND	0.0315						0		30	
Benzene	ND	0.0315						0		30	
Trichloroethene (TCE)	ND	0.0315						0		30	

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-30-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181761**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	0.0315						0		30	
Bromodichloromethane	ND	0.0315						0		30	
Dibromomethane	ND	0.0315						0		30	
cis-1,3-Dichloropropene	ND	0.0315						0		30	
Toluene	ND	0.0315						0		30	
trans-1,3-Dichloropropylene	ND	0.0315						0		30	
1,1,2-Trichloroethane	ND	0.0315						0		30	
1,3-Dichloropropane	ND	0.0394						0		30	
Tetrachloroethene (PCE)	0.0870	0.0394						0.08271	5.07	30	
Dibromochloromethane	ND	0.0394						0		30	
1,2-Dibromoethane (EDB)	ND	0.00787						0		30	
Chlorobenzene	ND	0.0394						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0394						0		30	
Ethylbenzene	ND	0.0394						0		30	
m,p-Xylene	ND	0.0787						0		30	
o-Xylene	ND	0.0394						0		30	
Styrene	ND	0.0394						0		30	
Isopropylbenzene	ND	0.0394						0		30	
Bromoform	ND	0.0787						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0315						0		30	
n-Propylbenzene	ND	0.0394						0		30	
Bromobenzene	ND	0.0315						0		30	
1,3,5-Trimethylbenzene	ND	0.0394						0		30	
2-Chlorotoluene	ND	0.0394						0		30	
4-Chlorotoluene	ND	0.0394						0		30	
tert-Butylbenzene	ND	0.0394						0		30	
1,2,3-Trichloropropane	ND	0.0394						0		30	
1,2,4-Trichlorobenzene	ND	0.0394						0		30	
sec-Butylbenzene	ND	0.0787						0		30	
4-Isopropyltoluene	ND	0.0787						0		30	
1,3-Dichlorobenzene	ND	0.0315						0		30	

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-30-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1181761**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	0.0315						0		30	
n-Butylbenzene	ND	0.0394						0		30	
1,2-Dichlorobenzene	ND	0.0315						0		30	
1,2-Dibromo-3-chloropropane	ND	0.787						0		30	
1,2,4-Trimethylbenzene	ND	0.0315						0		30	
Hexachloro-1,3-butadiene	ND	0.0787						0		30	
Naphthalene	ND	0.0787						0		30	
1,2,3-Trichlorobenzene	ND	0.0315						0		30	
Surr: Dibromofluoromethane	1.97		1.969		100	80	116		0		
Surr: Toluene-d8	1.94		1.969		98.5	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.95		1.969		98.9	82.8	113		0		

Sample ID: **2005114-010BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182076**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	2.39	0.0245	1.225	0	195	-0.64	180				S
Chloromethane	1.73	0.0613	1.225	0	141	33.2	162				
Vinyl chloride	1.60	0.0306	1.225	0	131	47.2	146				
Bromomethane	2.49	0.0613	1.225	0	203	18.7	226				
Trichlorofluoromethane (CFC-11)	1.54	0.0245	1.225	0	126	48.9	158				
Chloroethane	1.61	0.0613	1.225	0	131	20.8	195				
1,1-Dichloroethene	1.42	0.0245	1.225	0	116	67.1	135				
Methylene chloride	1.31	0.0245	1.225	0	107	64.9	137				
trans-1,2-Dichloroethene	1.35	0.0245	1.225	0	110	75.1	126				
Methyl tert-butyl ether (MTBE)	1.34	0.0613	1.225	0	110	64.6	133				
1,1-Dichloroethane	1.34	0.0245	1.225	0	110	68.4	132				
cis-1,2-Dichloroethene	1.33	0.0245	1.225	0	109	76.2	125				
Chloroform	1.33	0.0245	1.225	0	109	74.5	127				
1,1,1-Trichloroethane (TCA)	1.37	0.0306	1.225	0	112	74.5	126				

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-010BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182076**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	1.41	0.0245	1.225	0	115	70.7	128				
Carbon tetrachloride	1.37	0.0613	1.225	0	112	72.5	126				
1,2-Dichloroethane (EDC)	1.34	0.0245	1.225	0	110	70.4	128				
Benzene	1.38	0.0245	1.225	0	112	75.5	125				
Trichloroethene (TCE)	1.36	0.0245	1.225	0	111	64.7	145				
1,2-Dichloropropane	1.31	0.0245	1.225	0	107	69.3	129				
Bromodichloromethane	1.28	0.0245	1.225	0	104	75.9	120				
Dibromomethane	1.29	0.0245	1.225	0	105	78.5	123				
cis-1,3-Dichloropropene	1.29	0.0245	1.225	0	105	67.3	122				
Toluene	1.33	0.0245	1.225	0	108	75.3	127				
trans-1,3-Dichloropropylene	1.26	0.0245	1.225	0	103	64.4	124				
1,1,2-Trichloroethane	1.31	0.0245	1.225	0	107	72.4	129				
1,3-Dichloropropane	1.32	0.0306	1.225	0	108	70.5	128				
Tetrachloroethene (PCE)	1.35	0.0306	1.225	0	110	64.9	140				
Dibromochloromethane	1.25	0.0306	1.225	0	102	71.8	125				
1,2-Dibromoethane (EDB)	1.28	0.00613	1.225	0	105	73.8	126				
Chlorobenzene	1.32	0.0306	1.225	0	108	85.1	118				
1,1,1,2-Tetrachloroethane	1.35	0.0306	1.225	0	110	82.2	118				
Ethylbenzene	1.35	0.0306	1.225	0	110	81.9	123				
m,p-Xylene	2.65	0.0613	2.450	0	108	82.3	122				
o-Xylene	1.30	0.0306	1.225	0	106	83.1	120				
Styrene	1.30	0.0306	1.225	0	106	79.7	124				
Isopropylbenzene	1.34	0.0306	1.225	0	110	81.1	124				
Bromoform	1.19	0.0613	1.225	0	97.0	66.1	130				
1,1,2,2-Tetrachloroethane	1.31	0.0245	1.225	0	107	41.2	150				
n-Propylbenzene	1.36	0.0306	1.225	0	111	79.3	127				
Bromobenzene	1.28	0.0245	1.225	0	105	84.6	121				
1,3,5-Trimethylbenzene	1.33	0.0306	1.225	0	109	80.2	125				
2-Chlorotoluene	1.32	0.0306	1.225	0	107	78.4	128				
4-Chlorotoluene	1.32	0.0306	1.225	0	108	81.2	123				
tert-Butylbenzene	1.33	0.0306	1.225	0	109	79.2	125				

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-010BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182076**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	1.28	0.0306	1.225	0	104	66.4	132				
1,2,4-Trichlorobenzene	1.34	0.0306	1.225	0	109	68.9	139				
sec-Butylbenzene	1.37	0.0613	1.225	0	112	77	129				
4-Isopropyltoluene	1.36	0.0613	1.225	0	111	77.1	128				
1,3-Dichlorobenzene	1.32	0.0245	1.225	0	108	87.8	120				
1,4-Dichlorobenzene	1.32	0.0245	1.225	0	108	88.1	119				
n-Butylbenzene	1.41	0.0306	1.225	0	115	67.6	137				
1,2-Dichlorobenzene	1.33	0.0245	1.225	0	108	88.1	120				
1,2-Dibromo-3-chloropropane	1.32	0.613	1.225	0	108	56.6	144				
1,2,4-Trimethylbenzene	1.33	0.0245	1.225	0	109	76.3	129				
Hexachloro-1,3-butadiene	1.43	0.0613	1.225	0	117	64.8	148				
Naphthalene	1.38	0.0613	1.225	0	113	54.8	151				
1,2,3-Trichlorobenzene	1.34	0.0245	1.225	0	109	59.3	150				
Surr: Dibromofluoromethane	1.57		1.531		102	80	116				
Surr: Toluene-d8	1.53		1.531		99.7	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.55		1.531		101	82.8	113				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **2005114-010BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	2.34	0.0245	1.225	0	191	-0.64	180	2.394	2.33	30	S
Chloromethane	1.81	0.0613	1.225	0	148	33.2	162	1.732	4.31	30	
Vinyl chloride	1.56	0.0306	1.225	0	128	47.2	146	1.602	2.42	30	
Bromomethane	2.32	0.0613	1.225	0	190	18.7	226	2.492	7.00	30	
Trichlorofluoromethane (CFC-11)	1.49	0.0245	1.225	0	121	48.9	158	1.539	3.50	30	
Chloroethane	1.62	0.0613	1.225	0	132	20.8	195	1.606	0.544	30	
1,1-Dichloroethene	1.39	0.0245	1.225	0	114	67.1	135	1.421	1.84	30	
Methylene chloride	1.24	0.0245	1.225	0	101	64.9	137	1.308	5.15	30	

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-010BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.34	0.0245	1.225	0	109	75.1	126	1.352	0.845	30	
Methyl tert-butyl ether (MTBE)	1.31	0.0613	1.225	0	107	64.6	133	1.344	2.32	30	
1,1-Dichloroethane	1.33	0.0245	1.225	0	109	68.4	132	1.344	0.862	30	
cis-1,2-Dichloroethene	1.29	0.0245	1.225	0	105	76.2	125	1.332	3.07	30	
Chloroform	1.32	0.0245	1.225	0	107	74.5	127	1.330	0.992	30	
1,1,1-Trichloroethane (TCA)	1.33	0.0306	1.225	0	108	74.5	126	1.367	2.88	30	
1,1-Dichloropropene	1.37	0.0245	1.225	0	112	70.7	128	1.413	3.30	30	
Carbon tetrachloride	1.33	0.0613	1.225	0	108	72.5	126	1.369	3.21	30	
1,2-Dichloroethane (EDC)	1.33	0.0245	1.225	0	109	70.4	128	1.342	0.569	30	
Benzene	1.32	0.0245	1.225	0	108	75.5	125	1.376	3.86	30	
Trichloroethene (TCE)	1.32	0.0245	1.225	0	108	64.7	145	1.357	2.46	30	
1,2-Dichloropropane	1.29	0.0245	1.225	0	105	69.3	129	1.312	1.70	30	
Bromodichloromethane	1.26	0.0245	1.225	0	103	75.9	120	1.275	1.37	30	
Dibromomethane	1.25	0.0245	1.225	0	102	78.5	123	1.286	2.78	30	
cis-1,3-Dichloropropene	1.28	0.0245	1.225	0	104	67.3	122	1.288	0.960	30	
Toluene	1.29	0.0245	1.225	0	106	75.3	127	1.328	2.56	30	
trans-1,3-Dichloropropylene	1.24	0.0245	1.225	0	101	64.4	124	1.264	1.90	30	
1,1,2-Trichloroethane	1.29	0.0245	1.225	0	105	72.4	129	1.309	1.61	30	
1,3-Dichloropropane	1.30	0.0306	1.225	0	106	70.5	128	1.319	1.51	30	
Tetrachloroethene (PCE)	1.32	0.0306	1.225	0	108	64.9	140	1.352	2.25	30	
Dibromochloromethane	1.24	0.0306	1.225	0	101	71.8	125	1.245	0.612	30	
1,2-Dibromoethane (EDB)	1.27	0.00613	1.225	0	104	73.8	126	1.285	1.27	30	
Chlorobenzene	1.31	0.0306	1.225	0	107	85.1	118	1.318	0.741	30	
1,1,1,2-Tetrachloroethane	1.32	0.0306	1.225	0	108	82.2	118	1.347	1.77	30	
Ethylbenzene	1.34	0.0306	1.225	0	109	81.9	123	1.350	0.661	30	
m,p-Xylene	2.67	0.0613	2.450	0	109	82.3	122	2.648	0.718	30	
o-Xylene	1.30	0.0306	1.225	0	106	83.1	120	1.303	0.441	30	
Styrene	1.29	0.0306	1.225	0	105	79.7	124	1.298	0.605	30	
Isopropylbenzene	1.34	0.0306	1.225	0	110	81.1	124	1.343	0.0478	30	
Bromoform	1.19	0.0613	1.225	0	97.2	66.1	130	1.188	0.165	30	
1,1,2,2-Tetrachloroethane	1.30	0.0245	1.225	0	106	41.2	150	1.311	0.863	30	

Work Order: 2005114
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005114-010BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/13/2020** RunNo: **59153**
Client ID: **209-PEX-31-3** Batch ID: **28316** Analysis Date: **5/13/2020** SeqNo: **1182077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	1.35	0.0306	1.225	0	110	79.3	127	1.364	1.38	30	
Bromobenzene	1.29	0.0245	1.225	0	105	84.6	121	1.284	0.149	30	
1,3,5-Trimethylbenzene	1.31	0.0306	1.225	0	107	80.2	125	1.330	1.55	30	
2-Chlorotoluene	1.31	0.0306	1.225	0	107	78.4	128	1.316	0.683	30	
4-Chlorotoluene	1.31	0.0306	1.225	0	107	81.2	123	1.321	1.20	30	
tert-Butylbenzene	1.31	0.0306	1.225	0	107	79.2	125	1.333	1.48	30	
1,2,3-Trichloropropane	1.29	0.0306	1.225	0	105	66.4	132	1.277	0.680	30	
1,2,4-Trichlorobenzene	1.35	0.0306	1.225	0	110	68.9	139	1.337	1.20	30	
sec-Butylbenzene	1.33	0.0613	1.225	0	108	77	129	1.367	2.85	30	
4-Isopropyltoluene	1.34	0.0613	1.225	0	109	77.1	128	1.356	1.50	30	
1,3-Dichlorobenzene	1.32	0.0245	1.225	0	108	87.8	120	1.320	0.0448	30	
1,4-Dichlorobenzene	1.31	0.0245	1.225	0	107	88.1	119	1.321	0.692	30	
n-Butylbenzene	1.40	0.0306	1.225	0	114	67.6	137	1.408	0.482	30	
1,2-Dichlorobenzene	1.34	0.0245	1.225	0	109	88.1	120	1.326	0.890	30	
1,2-Dibromo-3-chloropropane	1.36	0.613	1.225	0	111	56.6	144	1.318	3.48	30	
1,2,4-Trimethylbenzene	1.31	0.0245	1.225	0	107	76.3	129	1.333	1.48	30	
Hexachloro-1,3-butadiene	1.43	0.0613	1.225	0	117	64.8	148	1.434	0.389	30	
Naphthalene	1.40	0.0613	1.225	0	114	54.8	151	1.380	1.52	30	
1,2,3-Trichlorobenzene	1.36	0.0245	1.225	0	111	59.3	150	1.338	1.73	30	
Surr: Dibromofluoromethane	1.55		1.531		101	80	116		0		
Surr: Toluene-d8	1.51		1.531		98.5	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.53		1.531		99.7	82.8	113		0		

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005114**
Logged by:	**Carissa True**	Date Received:	**5/12/2020 3:21:00 PM**

Chain of Custody

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

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler 1	1.0
Sample 1	3.9

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/12/2020 Page: 1 of: 2

Laboratory Project No (internal): 2005114

Project Name: FL209

Special Remarks:

Client: OSG

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vance F

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PEX-21-15	5/12/20	950	S					X								
2 209-PEX-22-15		955						X								
3 209-PEX-23-10		1000						X								
4 209-PEX-24-10		1005						X								
5 209-PEX-25-20		1010						X								
6 209-PEX-26-15		1015						X								
7 209-PEX-27-20		1020					X	X								
8 209-PEX-28-10		1025					X	X								
9 ~~209-PEX-29~~																
10 209-PEX-30-3	↓	1425	↓	X			X	X								

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual*: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/12/20 1518	x	5/12/20 1521
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/12/2020 Page: 2 of: 2

Laboratory Project No (internal): 2005114

Project Name: F20

Special Remarks:

Client: OSG

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vanessa A

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-31-3	5/12/20	1430	S	X				X									
2	209-PEX-32-5	5/12/20	1435	S	X				X									
3	209-PEX-33-5	5/12/20	1440	S	X				X									
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- ☐ Same Day (specify)

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Relinquished	Date/Time	Received	Date/Time
x	5/12/20 1518	x	5/12/20 1521
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/12/2020 | Page: 1 of: 2 | Laboratory Project No (internal): 2005114

Project Name: F200

Special Remarks: ⊗Add per V.A. 6/4/20

Client: OSG

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vance A

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-21-15	5/12/20	950	S					X								
2	209-PEX-22-15	"	955	"					X								
3	209-PEX-23-10	"	1000	"					X								
4	209-PEX-24-10	"	1005	"					X								
5	209-PEX-25-20	"	1010	"					X								
6	209-PEX-26-15	"	1015	"					X								
7	209-PEX-27-20	"	1020	"				X	X	⊗							
8	209-PEX-28-10	"	1025	"				X	X								
9	~~209-PEX-29~~																
10	209-PEX-30-3	"	1425	"	X			X	X								

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	5/12/20 1518	x [signature]	5/12/20 1521
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/12/2020 Page: 2 of: 2

Laboratory Project No (internal): 2005114

Project Name: F200

Special Remarks:

Project No: 2021

Client: OSG

Collected by: DC

Address:

Location: FL209

City, State, Zip:

Report To (PM): Vance A

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-31-3	5/12/20	1430	S	X				X									
2	209-PEX-32-5	5/12/20	1435	S	X				X		X		X					Cd, Pb
3	209-PEX-33-5	5/12/20	1440	S	X				X		X		X					Cd, Pb
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/12/20 1518	x	5/12/20 154
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/12/2020 Page: 1 of 2 Laboratory Project No (Internal): 2005114

Project Name: FL209

Project No: 2021

Collected by: DL

Location: FL209

Report To (PM): Vance A

PM Email:

Special Remarks:
⊗ Add per V.A. 6/4/20
⊗ Hold PAH per VA 6/8/2020 MC

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: OSG

Address:

City, State, Zip:

Telephone:

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (NWTPH)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PEX-21-15	5/12/20	950	S					X										
2 209-PEX-22-15		955						X										
3 209-PEX-23-10		1000						X										
4 209-PEX-24-10		1005						X										
5 209-PEX-25-20		1010						X										
6 209-PEX-26-15		1015						X										
7 209-PEX-27-20		1020						X		⊗								
8 209-PEX-28-10		1025						X										
9 ~~209-PEX-29~~																		
10 209-PEX-30-3	↓	1425	↓	X				X										

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
	5/12/20 1518		5/12/20 1521
Relinquished	Date/Time	Received	Date/Time

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/12/2020 Page: 2 of 2
Laboratory Project No (internal): 2005114
Project Name: F200
Project No: 2021
Collected by: DC
Location: FL209
Report To (PM): Vanessa
PM Email:
Special Remarks:
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: OSG
Address:
City, State, Zip:
Telephone:
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-31-3	5/12/20	1434	S	X						X							
2	209-PEX-32-5	5/12/20	1435	S	X						X	~~X~~	X	X				Cd, Pb
3	209-PEX-33-5	5/12/20	1440	S	X						X	~~X~~	X	X				Cd, Pb
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Si Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
[signature]	5/12/20 1518	[signature]	5/12/20 1524
Relinquished	Date/Time	Received	Date/Time

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ ~~Next Day~~
Same Day (surcharge)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005129

May 14, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 6 sample(s) on 5/13/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *05/14/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005129

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005129-001	209-PEX-34-15	05/13/2020 9:30 AM	05/13/2020 3:29 PM
2005129-002	209-PEX-35-20	05/13/2020 12:55 PM	05/13/2020 3:29 PM
2005129-003	209-PEX-36-20	05/13/2020 1:00 PM	05/13/2020 3:29 PM
2005129-004	209-PEX-37-15	05/13/2020 2:35 PM	05/13/2020 3:29 PM
2005129-005	209-PEX-38-15	05/13/2020 2:40 PM	05/13/2020 3:29 PM
2005129-006	209-PEX-39-15	05/13/2020 2:45 PM	05/13/2020 3:29 PM

Case Narrative

WO#: **2005129**
Date: **5/14/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005129**
Date Reported: **5/14/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005129-001 **Collection Date:** 5/13/2020 9:30:00 AM
Client Sample ID: **209-PEX-34-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	5/14/2020 12:30:24 PM
Heavy Oil	ND	50.0		mg/Kg-dry	1	5/14/2020 12:30:24 PM
Surr: 2-Fluorobiphenyl	82.4	50 - 150		%Rec	1	5/14/2020 12:30:24 PM
Surr: o-Terphenyl	89.4	50 - 150		%Rec	1	5/14/2020 12:30:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	9.47	0.500		wt%	1	5/14/2020 9:58:14 AM

Lab ID: 2005129-002 **Collection Date:** 5/13/2020 12:55:00 PM
Client Sample ID: **209-PEX-35-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	ND	19.9		mg/Kg-dry	1	5/14/2020 1:00:16 PM
Heavy Oil	ND	49.7		mg/Kg-dry	1	5/14/2020 1:00:16 PM
Surr: 2-Fluorobiphenyl	77.5	50 - 150		%Rec	1	5/14/2020 1:00:16 PM
Surr: o-Terphenyl	84.2	50 - 150		%Rec	1	5/14/2020 1:00:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	7.43	0.500		wt%	1	5/14/2020 9:58:14 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005129-003 **Collection Date:** 5/13/2020 1:00:00 PM
Client Sample ID: **209-PEX-36-20** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	19.5	18.8		mg/Kg-dry	1	5/14/2020 1:30:10 PM
Heavy Oil	ND	47.0		mg/Kg-dry	1	5/14/2020 1:30:10 PM
Surr: 2-Fluorobiphenyl	84.3	50 - 150		%Rec	1	5/14/2020 1:30:10 PM
Surr: o-Terphenyl	89.3	50 - 150		%Rec	1	5/14/2020 1:30:10 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	8.39	0.500		wt%	1	5/14/2020 9:58:14 AM

Lab ID: 2005129-004 **Collection Date:** 5/13/2020 2:35:00 PM
Client Sample ID: **209-PEX-37-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	ND	20.4		mg/Kg-dry	1	5/14/2020 2:00:02 PM
Heavy Oil	ND	51.0		mg/Kg-dry	1	5/14/2020 2:00:02 PM
Surr: 2-Fluorobiphenyl	80.7	50 - 150		%Rec	1	5/14/2020 2:00:02 PM
Surr: o-Terphenyl	87.9	50 - 150		%Rec	1	5/14/2020 2:00:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	10.7	0.500		wt%	1	5/14/2020 9:58:14 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005129-005 **Collection Date:** 5/13/2020 2:40:00 PM
Client Sample ID: **209-PEX-38-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	ND	21.1		mg/Kg-dry	1	5/14/2020 2:29:54 PM
Heavy Oil	ND	52.8		mg/Kg-dry	1	5/14/2020 2:29:54 PM
Surr: 2-Fluorobiphenyl	77.2	50 - 150		%Rec	1	5/14/2020 2:29:54 PM
Surr: o-Terphenyl	84.7	50 - 150		%Rec	1	5/14/2020 2:29:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	7.71	0.500		wt%	1	5/14/2020 9:58:14 AM

Lab ID: 2005129-006 **Collection Date:** 5/13/2020 2:45:00 PM
Client Sample ID: **209-PEX-39-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28327		Analyst: DW
Diesel (Fuel Oil)	132	20.6		mg/Kg-dry	1	5/14/2020 2:59:45 PM
Heavy Oil	ND	51.4		mg/Kg-dry	1	5/14/2020 2:59:45 PM
Surr: 2-Fluorobiphenyl	86.2	50 - 150		%Rec	1	5/14/2020 2:59:45 PM
Surr: o-Terphenyl	86.9	50 - 150		%Rec	1	5/14/2020 2:59:45 PM
Sample Moisture (Percent Moisture)				Batch ID: R59175		Analyst: EH
Percent Moisture	9.33	0.500		wt%	1	5/14/2020 9:58:14 AM

Work Order: 2005129
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28327**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/14/2020**	RunNo: **59187**
Client ID: **MBLKS**	Batch ID: **28327**		Analysis Date: **5/14/2020**	SeqNo: **1182676**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	14.7		20.00		73.3	50	150				
Surr: o-Terphenyl	16.0		20.00		80.2	50	150				

Sample ID: **LCS-28327**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/14/2020**	RunNo: **59187**
Client ID: **LCSS**	Batch ID: **28327**		Analysis Date: **5/14/2020**	SeqNo: **1182677**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	458	20.0	500.0	0	91.7	65	135				
Surr: 2-Fluorobiphenyl	16.8		20.00		84.0	50	150				
Surr: o-Terphenyl	16.6		20.00		82.8	50	150				

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005129**
Logged by:	**Clare Griggs**	Date Received:	**5/13/2020 3:29:00 PM**

Chain of Custody

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

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 Required ☑
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 ☐
	Samples were collected the same day and chilled.					
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:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	5.9
Sample	16.6

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/13/20 | Page: 1 of:

Laboratory Project No (internal): 2005129

Project Name: F200

Special Remarks:

Project No: 2021

Client: OSG

Collected by: DL

Address:

Location: FL209

City, State, Zip:

Report To (PM): Vance A

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PEX-34-15	5/13/20	930	S						X								
2	209-PEX-35-20	5/13/20	1255	S						X								
3	209-PEX-36-20	5/13/20	1300	S						X								
4	209-PEX-37-15	5/13/20	1435	S						X								
5	209-PEX-38-15	5/13/20	1440	S						X								
6	209-PEX-39-15	5/13/20	1445	S						X								
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/13/2020 1520	x	5/13/20 @ 1529
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005160

June 08, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 8 sample(s) on 5/14/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B
Volatile Organic Compounds by EPA Method 8260D

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

Date: *06/08/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005160-001	209-PEX-40-15	05/14/2020 12:25 PM	05/14/2020 4:40 PM
2005160-002	209-PEX-41-3	05/14/2020 12:30 PM	05/14/2020 4:40 PM
2005160-003	209-PEX-42-16	05/14/2020 12:50 PM	05/14/2020 4:40 PM
2005160-004	209-PEX-43-16	05/14/2020 12:55 PM	05/14/2020 4:40 PM
2005160-005	209-PEX-44-10	05/14/2020 1:00 PM	05/14/2020 4:40 PM
2005160-006	209-PEX-45-10	05/14/2020 1:05 PM	05/14/2020 4:40 PM
2005160-007	209-PEX-46-15	05/14/2020 1:10 PM	05/14/2020 4:40 PM
2005160-008	209-PEX-47-15	05/14/2020 1:15 PM	05/14/2020 4:40 PM

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

Case Narrative

WO#: **2005160**
Date: **6/8/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

5/18/2020: Revision 1 includes data for a dilution run on "209-PEX-40-15".

6/8/20: Revision 2 includes data for additional analyses requested by the client.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005160**
Date Reported: **6/8/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005160-001 **Collection Date:** 5/14/2020 12:25:00 PM
Client Sample ID: **209-PEX-40-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	2,140	195	D	mg/Kg-dry	10	5/18/2020 10:52:14 AM
Heavy Oil	ND	48.8		mg/Kg-dry	1	5/15/2020 2:37:30 PM
Surr: 2-Fluorobiphenyl	84.0	50 - 150		%Rec	1	5/15/2020 2:37:30 PM
Surr: o-Terphenyl	82.7	50 - 150		%Rec	1	5/15/2020 2:37:30 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	9.29	0.500		wt%	1	5/15/2020 11:55:41 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005160-002 **Collection Date:** 5/14/2020 12:30:00 PM
Client Sample ID: **209-PEX-41-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	241	21.3		mg/Kg-dry	1	5/15/2020 3:07:18 PM
Heavy Oil	99.8	53.2		mg/Kg-dry	1	5/15/2020 3:07:18 PM
Surr: 2-Fluorobiphenyl	98.0	50 - 150		%Rec	1	5/15/2020 3:07:18 PM
Surr: o-Terphenyl	97.9	50 - 150		%Rec	1	5/15/2020 3:07:18 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28340		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Chloromethane	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Vinyl chloride	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Bromomethane	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Trichlorofluoromethane (CFC-11)	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Chloroethane	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1-Dichloroethene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Methylene chloride	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
trans-1,2-Dichloroethene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Methyl tert-butyl ether (MTBE)	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1-Dichloroethane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
cis-1,2-Dichloroethene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Chloroform	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1,1-Trichloroethane (TCA)	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1-Dichloropropene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Carbon tetrachloride	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2-Dichloroethane (EDC)	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Benzene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Trichloroethene (TCE)	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2-Dichloropropane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Bromodichloromethane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Dibromomethane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
cis-1,3-Dichloropropene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Toluene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
trans-1,3-Dichloropropylene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1,2-Trichloroethane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,3-Dichloropropane	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Tetrachloroethene (PCE)	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Dibromochloromethane	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2-Dibromoethane (EDB)	ND	0.00835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Chlorobenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM

CLIENT: O'Neill Service Group
Project: F200

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28340 Analyst: CR

1,1,1,2-Tetrachloroethane	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Ethylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
m,p-Xylene	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
o-Xylene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Styrene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Isopropylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Bromoform	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,1,2,2-Tetrachloroethane	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
n-Propylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Bromobenzene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,3,5-Trimethylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
2-Chlorotoluene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
4-Chlorotoluene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
tert-Butylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2,3-Trichloropropane	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2,4-Trichlorobenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
sec-Butylbenzene	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
4-Isopropyltoluene	0.115	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,3-Dichlorobenzene	ND	0.0334	*	mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,4-Dichlorobenzene	ND	0.0334	*	mg/Kg-dry	1	5/15/2020 12:55:29 PM
n-Butylbenzene	ND	0.0418		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2-Dichlorobenzene	ND	0.0334	*	mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2-Dibromo-3-chloropropane	ND	0.835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2,4-Trimethylbenzene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Hexachloro-1,3-butadiene	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Naphthalene	ND	0.0835		mg/Kg-dry	1	5/15/2020 12:55:29 PM
1,2,3-Trichlorobenzene	ND	0.0334		mg/Kg-dry	1	5/15/2020 12:55:29 PM
Surr: Dibromofluoromethane	101	80 - 116		%Rec	1	5/15/2020 12:55:29 PM
Surr: Toluene-d8	98.9	84.8 - 113		%Rec	1	5/15/2020 12:55:29 PM
Surr: 1-Bromo-4-fluorobenzene	100	82.8 - 113		%Rec	1	5/15/2020 12:55:29 PM

NOTES:
* - Flagged value is not within established control limits.

Total Metals by EPA Method 6020B

Batch ID: 28562 Analyst: CO

Cadmium	0.285	0.181	mg/Kg-dry	1	6/5/2020 2:35:49 PM
Lead	36.7	0.181	mg/Kg-dry	1	6/5/2020 2:35:49 PM

Sample Moisture (Percent Moisture)

Batch ID: R59204 Analyst: MM

Percent Moisture	14.2	0.500	wt%	1	5/15/2020 11:55:41 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005160-003 **Collection Date:** 5/14/2020 12:50:00 PM
Client Sample ID: **209-PEX-42-16** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	21.7		mg/Kg-dry	1	5/15/2020 3:37:17 PM
Heavy Oil	ND	54.2		mg/Kg-dry	1	5/15/2020 3:37:17 PM
Surr: 2-Fluorobiphenyl	72.7	50 - 150		%Rec	1	5/15/2020 3:37:17 PM
Surr: o-Terphenyl	80.3	50 - 150		%Rec	1	5/15/2020 3:37:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	8.43	0.500		wt%	1	5/15/2020 11:55:41 AM

Lab ID: 2005160-004 **Collection Date:** 5/14/2020 12:55:00 PM
Client Sample ID: **209-PEX-43-16** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	20.6		mg/Kg-dry	1	5/15/2020 3:37:17 PM
Heavy Oil	ND	51.5		mg/Kg-dry	1	5/15/2020 3:37:17 PM
Surr: 2-Fluorobiphenyl	85.4	50 - 150		%Rec	1	5/15/2020 3:37:17 PM
Surr: o-Terphenyl	89.1	50 - 150		%Rec	1	5/15/2020 3:37:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	8.77	0.500		wt%	1	5/15/2020 11:55:41 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005160-005 **Collection Date:** 5/14/2020 1:00:00 PM
Client Sample ID: **209-PEX-44-10** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	5/15/2020 4:07:09 PM
Heavy Oil	ND	51.2		mg/Kg-dry	1	5/15/2020 4:07:09 PM
Surr: 2-Fluorobiphenyl	75.7	50 - 150		%Rec	1	5/15/2020 4:07:09 PM
Surr: o-Terphenyl	83.6	50 - 150		%Rec	1	5/15/2020 4:07:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	8.16	0.500		wt%	1	5/15/2020 11:55:41 AM

Lab ID: 2005160-006 **Collection Date:** 5/14/2020 1:05:00 PM
Client Sample ID: **209-PEX-45-10** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	19.2		mg/Kg-dry	1	5/15/2020 4:07:09 PM
Heavy Oil	ND	48.0		mg/Kg-dry	1	5/15/2020 4:07:09 PM
Surr: 2-Fluorobiphenyl	84.0	50 - 150		%Rec	1	5/15/2020 4:07:09 PM
Surr: o-Terphenyl	86.6	50 - 150		%Rec	1	5/15/2020 4:07:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	9.02	0.500		wt%	1	5/15/2020 11:55:41 AM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2005160-007 **Collection Date:** 5/14/2020 1:10:00 PM
Client Sample ID: **209-PEX-46-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	20.1		mg/Kg-dry	1	5/15/2020 4:37:07 PM
Heavy Oil	ND	50.3		mg/Kg-dry	1	5/15/2020 4:37:07 PM
Surr: 2-Fluorobiphenyl	71.4	50 - 150		%Rec	1	5/15/2020 4:37:07 PM
Surr: o-Terphenyl	78.8	50 - 150		%Rec	1	5/15/2020 4:37:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	9.93	0.500		wt%	1	5/15/2020 11:55:41 AM

Lab ID: 2005160-008 **Collection Date:** 5/14/2020 1:15:00 PM
Client Sample ID: **209-PEX-47-15** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28345		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	5/15/2020 4:37:07 PM
Heavy Oil	ND	52.0		mg/Kg-dry	1	5/15/2020 4:37:07 PM
Surr: 2-Fluorobiphenyl	99.0	50 - 150		%Rec	1	5/15/2020 4:37:07 PM
Surr: o-Terphenyl	102	50 - 150		%Rec	1	5/15/2020 4:37:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R59204		Analyst: MM
Percent Moisture	9.00	0.500		wt%	1	5/15/2020 11:55:41 AM

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28345**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/15/2020**	RunNo: **59208**
Client ID: **MBLKS**	Batch ID: **28345**		Analysis Date: **5/15/2020**	SeqNo: **1183136**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.3		20.00		76.4	50	150				
Surr: o-Terphenyl	16.7		20.00		83.6	50	150				

Sample ID: **LCS-28345**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/15/2020**	RunNo: **59208**
Client ID: **LCSS**	Batch ID: **28345**		Analysis Date: **5/15/2020**	SeqNo: **1183137**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	477	20.0	500.0	0	95.4	65	135				
Surr: 2-Fluorobiphenyl	17.8		20.00		89.0	50	150				
Surr: o-Terphenyl	18.0		20.00		89.9	50	150				

Sample ID: **2005146-014ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/15/2020**	RunNo: **59208**
Client ID: **BATCH**	Batch ID: **28345**		Analysis Date: **5/15/2020**	SeqNo: **1183544**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.5						0		30	
Heavy Oil	87.4	51.2						159.3	58.2	30	R
Surr: 2-Fluorobiphenyl	14.9		20.49		72.9	50	150		0		
Surr: o-Terphenyl	17.0		20.49		83.2	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).

Sample ID: **2005146-014AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/15/2020**	RunNo: **59208**
Client ID: **BATCH**	Batch ID: **28345**		Analysis Date: **5/15/2020**	SeqNo: **1183546**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	510	20.5	512.6	0	99.4	65	135				
Surr: 2-Fluorobiphenyl	18.1		20.50		88.1	50	150				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005146-014AMS**	SampType: **MS**			Units: **mg/Kg-dry**	Prep Date: **5/15/2020**			RunNo: **59208**		
Client ID: **BATCH**	Batch ID: **28345**				Analysis Date: **5/15/2020**			SeqNo: **1183546**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	18.2		20.50		88.6	50	150				

Sample ID: **2005146-014AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**	Prep Date: **5/15/2020**			RunNo: **59208**		
Client ID: **BATCH**	Batch ID: **28345**				Analysis Date: **5/15/2020**			SeqNo: **1183547**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	524	22.7	567.0	0	92.5	65	135	509.5	2.86	30	
Surr: 2-Fluorobiphenyl	20.5		22.68		90.3	50	150		0		
Surr: o-Terphenyl	19.8		22.68		87.1	50	150		0		

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-28562**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **MBLKS**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192975**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	0.155									
Lead	ND	0.155									

Sample ID: **LCS-28562**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **LCSS**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192976**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	1.75	0.150	1.880	0	93.0	80	120				

Sample ID: **2005160-002ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **209-PEX-41-3**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192978**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.371	0.183						0.2849	26.4	20	
Lead	29.6	0.183						36.67	21.4	20	R

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.

Sample ID: **2005160-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **209-PEX-41-3**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192980**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.66	0.185	2.312	0.2849	103	75	125				
Lead	45.8	0.185	23.12	36.67	39.6	75	125				S

NOTES:
S - Outlying spike recovery(ies) observed due to high sample concentration. Spike recovery in this range may not be meaningful.

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2005160-002AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **209-PEX-41-3**	Batch ID: **28562**		Analysis Date: **6/5/2020**	SeqNo: **1192981**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.73	0.179	2.241	0.2849	109	75	125	2.657	2.53	20	
Lead	40.3	0.179	22.41	36.67	16.3	75	125	45.83	12.8	20	S

NOTES:
S - Outlying spike recovery(ies) observed due to high sample concentration. Spike recovery in this range may not be meaningful.

Sample ID: **LCS-28562**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/5/2020**	RunNo: **59636**
Client ID: **LCSS**	Batch ID: **28562**		Analysis Date: **6/8/2020**	SeqNo: **1193441**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	19.3	0.150	18.80	0	103	80	120				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28340** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183286**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.812	0.0200	1.000	0	81.2	21.6	169				
Chloromethane	0.891	0.0500	1.000	0	89.1	45.3	153				
Vinyl chloride	0.910	0.0250	1.000	0	91.0	57.5	137				
Bromomethane	0.851	0.0500	1.000	0	85.1	32.8	194				
Trichlorofluoromethane (CFC-11)	0.942	0.0200	1.000	0	94.2	54.3	152				
Chloroethane	0.871	0.0500	1.000	0	87.1	52	146				
1,1-Dichloroethene	0.963	0.0200	1.000	0	96.3	62.8	139				
Methylene chloride	0.944	0.0200	1.000	0	94.4	78.4	118				
trans-1,2-Dichloroethene	0.944	0.0200	1.000	0	94.4	82	117				
Methyl tert-butyl ether (MTBE)	0.937	0.0500	1.000	0	93.7	72.4	122				
1,1-Dichloroethane	0.956	0.0200	1.000	0	95.6	78	119				
cis-1,2-Dichloroethene	0.955	0.0200	1.000	0	95.5	81.9	116				
Chloroform	0.943	0.0200	1.000	0	94.3	80.8	117				
1,1,1-Trichloroethane (TCA)	0.944	0.0250	1.000	0	94.4	81.4	117				
1,1-Dichloropropene	0.933	0.0200	1.000	0	93.3	79.9	117				
Carbon tetrachloride	0.930	0.0500	1.000	0	93.0	80.4	117				
1,2-Dichloroethane (EDC)	0.926	0.0200	1.000	0	92.6	77.5	117				
Benzene	0.931	0.0200	1.000	0	93.1	81	116				
Trichloroethene (TCE)	0.932	0.0200	1.000	0	93.2	83.4	115				
1,2-Dichloropropane	0.936	0.0200	1.000	0	93.6	77.6	117				
Bromodichloromethane	0.945	0.0200	1.000	0	94.5	78.9	116				
Dibromomethane	0.949	0.0200	1.000	0	94.9	81.2	115				
cis-1,3-Dichloropropene	0.959	0.0200	1.000	0	95.9	78	115				
Toluene	0.934	0.0200	1.000	0	93.4	82.8	117				
trans-1,3-Dichloropropylene	0.952	0.0200	1.000	0	95.2	75.7	117				
1,1,2-Trichloroethane	0.922	0.0200	1.000	0	92.2	77.9	118				
1,3-Dichloropropane	0.938	0.0250	1.000	0	93.8	77.1	118				
Tetrachloroethene (PCE)	0.941	0.0250	1.000	0	94.1	84.3	117				
Dibromochloromethane	0.945	0.0250	1.000	0	94.5	77.9	118				
1,2-Dibromoethane (EDB)	0.920	0.00500	1.000	0	92.0	78.6	117				
Chlorobenzene	0.927	0.0250	1.000	0	92.7	86.5	113				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28340** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183286**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.920	0.0250	1.000	0	92.0	84.8	113				
Ethylbenzene	0.944	0.0250	1.000	0	94.4	86.3	115				
m,p-Xylene	1.88	0.0500	2.000	0	93.8	86.8	115				
o-Xylene	0.936	0.0250	1.000	0	93.6	86.2	114				
Styrene	0.933	0.0250	1.000	0	93.3	86	114				
Isopropylbenzene	0.941	0.0250	1.000	0	94.1	85	117				
Bromoform	0.914	0.0500	1.000	0	91.4	70.7	125				
1,1,2,2-Tetrachloroethane	0.915	0.0200	1.000	0	91.5	68.3	125				
n-Propylbenzene	0.950	0.0250	1.000	0	95.0	84.4	119				
Bromobenzene	0.922	0.0200	1.000	0	92.2	84	117				
1,3,5-Trimethylbenzene	0.937	0.0250	1.000	0	93.7	84	118				
2-Chlorotoluene	0.942	0.0250	1.000	0	94.2	80.4	122				
4-Chlorotoluene	0.937	0.0250	1.000	0	93.7	83.1	118				
tert-Butylbenzene	0.933	0.0250	1.000	0	93.3	83.3	117				
1,2,3-Trichloropropane	0.930	0.0250	1.000	0	93.0	71	125				
1,2,4-Trichlorobenzene	0.944	0.0250	1.000	0	94.4	81	126				
sec-Butylbenzene	0.932	0.0500	1.000	0	93.2	82.9	119				
4-Isopropyltoluene	0.939	0.0500	1.000	0	93.9	82.8	119				
1,3-Dichlorobenzene	0.893	0.0200	1.000	0	89.3	90.4	115				S
1,4-Dichlorobenzene	0.876	0.0200	1.000	0	87.6	90.3	115				S
n-Butylbenzene	0.985	0.0250	1.000	0	98.5	83.6	120				
1,2-Dichlorobenzene	0.876	0.0200	1.000	0	87.6	90.3	115				S
1,2-Dibromo-3-chloropropane	0.955	0.500	1.000	0	95.5	62.3	136				
1,2,4-Trimethylbenzene	0.939	0.0200	1.000	0	93.9	84.1	119				
Hexachloro-1,3-butadiene	0.999	0.0500	1.000	0	99.9	77.8	133				
Naphthalene	0.923	0.0500	1.000	0	92.3	69.6	133				
1,2,3-Trichlorobenzene	0.914	0.0200	1.000	0	91.4	75.9	130				
Surr: Dibromofluoromethane	1.34		1.250		107	80	116				
Surr: Toluene-d8	1.26		1.250		101	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		104	82.8	113				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28340** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183286**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Sample ID: **LCSD-28340** SampType: **LCSD** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS02** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183287**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.725	0.0200	1.000	0	72.5	21.6	169	0.8120	11.3	20	
Chloromethane	0.893	0.0500	1.000	0	89.3	45.3	153	0.8912	0.252	20	
Vinyl chloride	0.904	0.0250	1.000	0	90.4	57.5	137	0.9098	0.672	20	
Bromomethane	0.830	0.0500	1.000	0	83.0	32.8	194	0.8509	2.53	20	
Trichlorofluoromethane (CFC-11)	0.951	0.0200	1.000	0	95.1	54.3	152	0.9416	0.940	20	
Chloroethane	0.903	0.0500	1.000	0	90.3	52	146	0.8708	3.59	20	
1,1-Dichloroethene	0.985	0.0200	1.000	0	98.5	62.8	139	0.9629	2.25	20	
Methylene chloride	0.978	0.0200	1.000	0	97.8	78.4	118	0.9444	3.45	20	
trans-1,2-Dichloroethene	0.982	0.0200	1.000	0	98.2	82	117	0.9437	4.03	20	
Methyl tert-butyl ether (MTBE)	0.917	0.0500	1.000	0	91.7	72.4	122	0.9365	2.07	20	
1,1-Dichloroethane	0.986	0.0200	1.000	0	98.6	78	119	0.9559	3.09	20	
cis-1,2-Dichloroethene	0.995	0.0200	1.000	0	99.5	81.9	116	0.9548	4.08	20	
Chloroform	0.994	0.0200	1.000	0	99.4	80.8	117	0.9433	5.21	20	
1,1,1-Trichloroethane (TCA)	0.985	0.0250	1.000	0	98.5	81.4	117	0.9438	4.24	20	
1,1-Dichloropropene	0.989	0.0200	1.000	0	98.9	79.9	117	0.9326	5.85	20	
Carbon tetrachloride	0.979	0.0500	1.000	0	97.9	80.4	117	0.9297	5.19	20	
1,2-Dichloroethane (EDC)	0.963	0.0200	1.000	0	96.3	77.5	117	0.9264	3.83	20	
Benzene	0.972	0.0200	1.000	0	97.2	81	116	0.9308	4.34	20	
Trichloroethene (TCE)	0.970	0.0200	1.000	0	97.0	83.4	115	0.9324	3.97	20	
1,2-Dichloropropane	0.966	0.0200	1.000	0	96.6	77.6	117	0.9359	3.12	20	
Bromodichloromethane	0.986	0.0200	1.000	0	98.6	78.9	116	0.9451	4.25	20	
Dibromomethane	0.953	0.0200	1.000	0	95.3	81.2	115	0.9494	0.356	20	
cis-1,3-Dichloropropene	0.990	0.0200	1.000	0	99.0	78	115	0.9587	3.18	20	
Toluene	0.954	0.0200	1.000	0	95.4	82.8	117	0.9342	2.12	20	

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCSD-28340** SampType: **LCSD** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS02** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183287**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	0.953	0.0200	1.000	0	95.3	75.7	117	0.9522	0.110	20	
1,1,2-Trichloroethane	0.943	0.0200	1.000	0	94.3	77.9	118	0.9218	2.29	20	
1,3-Dichloropropane	0.936	0.0250	1.000	0	93.6	77.1	118	0.9379	0.179	20	
Tetrachloroethene (PCE)	0.965	0.0250	1.000	0	96.5	84.3	117	0.9412	2.48	20	
Dibromochloromethane	0.963	0.0250	1.000	0	96.3	77.9	118	0.9451	1.89	20	
1,2-Dibromoethane (EDB)	0.935	0.00500	1.000	0	93.5	78.6	117	0.9195	1.62	20	
Chlorobenzene	0.953	0.0250	1.000	0	95.3	86.5	113	0.9272	2.79	20	
1,1,1,2-Tetrachloroethane	0.939	0.0250	1.000	0	93.9	84.8	113	0.9202	2.08	20	
Ethylbenzene	0.978	0.0250	1.000	0	97.8	86.3	115	0.9438	3.56	20	
m,p-Xylene	1.97	0.0500	2.000	0	98.3	86.8	115	1.875	4.77	20	
o-Xylene	0.964	0.0250	1.000	0	96.4	86.2	114	0.9357	3.03	20	
Styrene	0.969	0.0250	1.000	0	96.9	86	114	0.9334	3.75	20	
Isopropylbenzene	0.979	0.0250	1.000	0	97.9	85	117	0.9410	3.94	20	
Bromoform	0.902	0.0500	1.000	0	90.2	70.7	125	0.9145	1.37	20	
1,1,2,2-Tetrachloroethane	0.906	0.0200	1.000	0	90.6	68.3	125	0.9150	0.982	20	
n-Propylbenzene	0.987	0.0250	1.000	0	98.7	84.4	119	0.9495	3.85	20	
Bromobenzene	0.954	0.0200	1.000	0	95.4	84	117	0.9216	3.45	20	
1,3,5-Trimethylbenzene	0.983	0.0250	1.000	0	98.3	84	118	0.9372	4.72	20	
2-Chlorotoluene	0.978	0.0250	1.000	0	97.8	80.4	122	0.9416	3.80	20	
4-Chlorotoluene	0.976	0.0250	1.000	0	97.6	83.1	118	0.9375	3.99	20	
tert-Butylbenzene	0.977	0.0250	1.000	0	97.7	83.3	117	0.9326	4.65	20	
1,2,3-Trichloropropane	0.932	0.0250	1.000	0	93.2	71	125	0.9297	0.252	20	
1,2,4-Trichlorobenzene	0.946	0.0250	1.000	0	94.6	81	126	0.9443	0.210	20	
sec-Butylbenzene	0.980	0.0500	1.000	0	98.0	82.9	119	0.9321	4.97	20	
4-Isopropyltoluene	0.986	0.0500	1.000	0	98.6	82.8	119	0.9391	4.85	20	
1,3-Dichlorobenzene	0.903	0.0200	1.000	0	90.3	90.4	115	0.8927	1.19	20	S
1,4-Dichlorobenzene	0.886	0.0200	1.000	0	88.6	90.3	115	0.8764	1.05	20	S
n-Butylbenzene	1.01	0.0250	1.000	0	101	83.6	120	0.9855	1.98	20	
1,2-Dichlorobenzene	0.896	0.0200	1.000	0	89.6	90.3	115	0.8762	2.21	20	S
1,2-Dibromo-3-chloropropane	0.930	0.500	1.000	0	93.0	62.3	136	0.9552	2.65	20	
1,2,4-Trimethylbenzene	0.982	0.0200	1.000	0	98.2	84.1	119	0.9395	4.41	20	

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCSD-28340** SampType: **LCSD** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **LCSS02** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183287**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	1.03	0.0500	1.000	0	103	77.8	133	0.9988	3.13	20	
Naphthalene	0.899	0.0500	1.000	0	89.9	69.6	133	0.9229	2.68	20	
1,2,3-Trichlorobenzene	0.899	0.0200	1.000	0	89.9	75.9	130	0.9139	1.68	20	
Surr: Dibromofluoromethane	1.36		1.250		109	80	116		0		
Surr: Toluene-d8	1.27		1.250		101	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		105	82.8	113		0		

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Sample ID: **MB-28340** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **MBLKS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183288**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Benzene	ND	0.0200									

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28340** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **MBLKS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183288**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Styrene	ND	0.0250									
Isopropylbenzene	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0250									
Bromobenzene	ND	0.0200									
1,3,5-Trimethylbenzene	ND	0.0250									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
tert-Butylbenzene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28340** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **MBLKS** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183288**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.0200									*
1,4-Dichlorobenzene	ND	0.0200									*
n-Butylbenzene	ND	0.0250									
1,2-Dichlorobenzene	ND	0.0200									*
1,2-Dibromo-3-chloropropane	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.0500									
Naphthalene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.25		1.250		99.9	80	116				
Surr: Toluene-d8	1.27		1.250		101	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.4	82.8	113				

NOTES:
* - Flagged value is not within established control limits.

Sample ID: **2005160-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183281**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.35	0.0334	1.670	0	80.7	-0.64	180				
Chloromethane	1.47	0.0835	1.670	0	88.2	33.2	162				
Vinyl chloride	1.54	0.0418	1.670	0	92.4	47.2	146				
Bromomethane	1.51	0.0835	1.670	0	90.2	18.7	226				
Trichlorofluoromethane (CFC-11)	1.61	0.0334	1.670	0	96.6	48.9	158				
Chloroethane	1.58	0.0835	1.670	0	94.8	20.8	195				
1,1-Dichloroethene	1.65	0.0334	1.670	0	98.9	67.1	135				
Methylene chloride	1.57	0.0334	1.670	0	94.2	64.9	137				
trans-1,2-Dichloroethene	1.62	0.0334	1.670	0	97.1	75.1	126				
Methyl tert-butyl ether (MTBE)	1.57	0.0835	1.670	0	93.7	64.6	133				
1,1-Dichloroethane	1.62	0.0334	1.670	0	96.7	68.4	132				
cis-1,2-Dichloroethene	1.62	0.0334	1.670	0	97.3	76.2	125				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005160-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183281**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	1.63	0.0334	1.670	0	97.6	74.5	127				
1,1,1-Trichloroethane (TCA)	1.65	0.0418	1.670	0	98.5	74.5	126				
1,1-Dichloropropene	1.65	0.0334	1.670	0	98.6	70.7	128				
Carbon tetrachloride	1.66	0.0835	1.670	0	99.4	72.5	126				
1,2-Dichloroethane (EDC)	1.59	0.0334	1.670	0	95.0	70.4	128				
Benzene	1.61	0.0334	1.670	0	96.3	75.5	125				
Trichloroethene (TCE)	1.61	0.0334	1.670	0	96.3	64.7	145				
1,2-Dichloropropane	1.60	0.0334	1.670	0	95.9	69.3	129				
Bromodichloromethane	1.62	0.0334	1.670	0	97.0	75.9	120				
Dibromomethane	1.59	0.0334	1.670	0	95.4	78.5	123				
cis-1,3-Dichloropropene	1.59	0.0334	1.670	0	95.1	67.3	122				
Toluene	1.60	0.0334	1.670	0	95.7	75.3	127				
trans-1,3-Dichloropropylene	1.58	0.0334	1.670	0	94.3	64.4	124				
1,1,2-Trichloroethane	1.58	0.0334	1.670	0	94.5	72.4	129				
1,3-Dichloropropane	1.57	0.0418	1.670	0	93.8	70.5	128				
Tetrachloroethene (PCE)	1.66	0.0418	1.670	0.02358	97.9	64.9	140				
Dibromochloromethane	1.57	0.0418	1.670	0	93.8	71.8	125				
1,2-Dibromoethane (EDB)	1.56	0.00835	1.670	0	93.3	73.8	126				
Chlorobenzene	1.56	0.0418	1.670	0	93.6	85.1	118				
1,1,1,2-Tetrachloroethane	1.52	0.0418	1.670	0	90.9	82.2	118				
Ethylbenzene	1.61	0.0418	1.670	0	96.3	81.9	123				
m,p-Xylene	3.22	0.0835	3.341	0	96.3	82.3	122				
o-Xylene	1.57	0.0418	1.670	0	94.3	83.1	120				
Styrene	1.56	0.0418	1.670	0	93.5	79.7	124				
Isopropylbenzene	1.62	0.0418	1.670	0	97.1	81.1	124				
Bromoform	1.54	0.0835	1.670	0	92.2	66.1	130				
1,1,2,2-Tetrachloroethane	1.52	0.0334	1.670	0	90.9	41.2	150				
n-Propylbenzene	1.61	0.0418	1.670	0	96.2	79.3	127				
Bromobenzene	1.56	0.0334	1.670	0	93.3	84.6	121				
1,3,5-Trimethylbenzene	1.60	0.0418	1.670	0	95.8	80.2	125				
2-Chlorotoluene	1.58	0.0418	1.670	0	94.4	78.4	128				

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005160-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183281**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	1.58	0.0418	1.670	0	94.4	81.2	123				
tert-Butylbenzene	1.61	0.0418	1.670	0	96.5	79.2	125				
1,2,3-Trichloropropane	1.62	0.0418	1.670	0	96.8	66.4	132				
1,2,4-Trichlorobenzene	1.60	0.0418	1.670	0	95.9	68.9	139				
sec-Butylbenzene	1.65	0.0835	1.670	0	98.5	77	129				
4-Isopropyltoluene	1.79	0.0835	1.670	0.1149	100	77.1	128				
1,3-Dichlorobenzene	1.47	0.0334	1.670	0	88.1	87.8	120				
1,4-Dichlorobenzene	1.45	0.0334	1.670	0	86.5	88.1	119				S
n-Butylbenzene	1.72	0.0418	1.670	0	103	67.6	137				
1,2-Dichlorobenzene	1.46	0.0334	1.670	0	87.6	88.1	120				S
1,2-Dibromo-3-chloropropane	1.60	0.835	1.670	0	95.6	56.6	144				
1,2,4-Trimethylbenzene	1.60	0.0334	1.670	0	95.5	76.3	129				
Hexachloro-1,3-butadiene	1.92	0.0835	1.670	0	115	64.8	148				
Naphthalene	1.68	0.0835	1.670	0	101	54.8	151				
1,2,3-Trichlorobenzene	1.60	0.0334	1.670	0	96.0	59.3	150				
Surr: Dibromofluoromethane	2.25		2.088		108	80	116				
Surr: Toluene-d8	2.12		2.088		101	84.8	113				
Surr: 1-Bromo-4-fluorobenzene	2.14		2.088		103	82.8	113				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2005160-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183282**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.38	0.0334	1.670	0	82.9	-0.64	180	1.347	2.69	30	
Chloromethane	1.58	0.0835	1.670	0	94.5	33.2	162	1.474	6.84	30	
Vinyl chloride	1.63	0.0418	1.670	0	97.3	47.2	146	1.543	5.22	30	
Bromomethane	1.49	0.0835	1.670	0	89.0	18.7	226	1.507	1.33	30	
Trichlorofluoromethane (CFC-11)	1.72	0.0334	1.670	0	103	48.9	158	1.614	6.62	30	
Chloroethane	1.59	0.0835	1.670	0	95.0	20.8	195	1.584	0.236	30	

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005160-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183282**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1.69	0.0334	1.670	0	101	67.1	135	1.653	2.42	30	
Methylene chloride	1.65	0.0334	1.670	0	98.8	64.9	137	1.573	4.83	30	
trans-1,2-Dichloroethene	1.67	0.0334	1.670	0	99.9	75.1	126	1.622	2.83	30	
Methyl tert-butyl ether (MTBE)	1.65	0.0835	1.670	0	98.7	64.6	133	1.565	5.20	30	
1,1-Dichloroethane	1.67	0.0334	1.670	0	100	68.4	132	1.615	3.55	30	
cis-1,2-Dichloroethene	1.67	0.0334	1.670	0	100	76.2	125	1.625	2.92	30	
Chloroform	1.68	0.0334	1.670	0	100	74.5	127	1.631	2.78	30	
1,1,1-Trichloroethane (TCA)	1.71	0.0418	1.670	0	102	74.5	126	1.646	3.61	30	
1,1-Dichloropropene	1.70	0.0334	1.670	0	102	70.7	128	1.647	3.39	30	
Carbon tetrachloride	1.73	0.0835	1.670	0	103	72.5	126	1.661	3.88	30	
1,2-Dichloroethane (EDC)	1.65	0.0334	1.670	0	98.5	70.4	128	1.587	3.64	30	
Benzene	1.67	0.0334	1.670	0	99.7	75.5	125	1.608	3.52	30	
Trichloroethene (TCE)	1.68	0.0334	1.670	0	101	64.7	145	1.609	4.38	30	
1,2-Dichloropropane	1.65	0.0334	1.670	0	98.9	69.3	129	1.601	3.11	30	
Bromodichloromethane	1.69	0.0334	1.670	0	101	75.9	120	1.620	4.26	30	
Dibromomethane	1.64	0.0334	1.670	0	98.3	78.5	123	1.593	3.04	30	
cis-1,3-Dichloropropene	1.67	0.0334	1.670	0	100	67.3	122	1.588	5.25	30	
Toluene	1.64	0.0334	1.670	0	98.4	75.3	127	1.599	2.74	30	
trans-1,3-Dichloropropylene	1.66	0.0334	1.670	0	99.1	64.4	124	1.575	5.00	30	
1,1,2-Trichloroethane	1.64	0.0334	1.670	0	98.3	72.4	129	1.578	3.96	30	
1,3-Dichloropropane	1.65	0.0418	1.670	0	98.5	70.5	128	1.567	4.92	30	
Tetrachloroethene (PCE)	1.72	0.0418	1.670	0.02358	102	64.9	140	1.659	3.77	30	
Dibromochloromethane	1.68	0.0418	1.670	0	101	71.8	125	1.567	7.00	30	
1,2-Dibromoethane (EDB)	1.62	0.00835	1.670	0	97.3	73.8	126	1.559	4.17	30	
Chlorobenzene	1.62	0.0418	1.670	0	97.0	85.1	118	1.563	3.55	30	
1,1,1,2-Tetrachloroethane	1.61	0.0418	1.670	0	96.6	82.2	118	1.519	6.04	30	
Ethylbenzene	1.64	0.0418	1.670	0	98.4	81.9	123	1.608	2.25	30	
m,p-Xylene	3.30	0.0835	3.341	0	98.9	82.3	122	3.216	2.69	30	
o-Xylene	1.64	0.0418	1.670	0	98.0	83.1	120	1.575	3.92	30	
Styrene	1.63	0.0418	1.670	0	97.3	79.7	124	1.561	4.04	30	
Isopropylbenzene	1.68	0.0418	1.670	0	100	81.1	124	1.622	3.32	30	

Work Order: 2005160
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005160-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **5/15/2020** RunNo: **59213**
Client ID: **209-PEX-41-3** Batch ID: **28340** Analysis Date: **5/15/2020** SeqNo: **1183282**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	1.62	0.0835	1.670	0	97.2	66.1	130	1.541	5.26	30	
1,1,2,2-Tetrachloroethane	1.61	0.0334	1.670	0	96.3	41.2	150	1.519	5.72	30	
n-Propylbenzene	1.66	0.0418	1.670	0	99.2	79.3	127	1.607	3.08	30	
Bromobenzene	1.62	0.0334	1.670	0	97.0	84.6	121	1.558	3.88	30	
1,3,5-Trimethylbenzene	1.66	0.0418	1.670	0	99.5	80.2	125	1.601	3.69	30	
2-Chlorotoluene	1.62	0.0418	1.670	0	96.8	78.4	128	1.577	2.46	30	
4-Chlorotoluene	1.62	0.0418	1.670	0	97.1	81.2	123	1.577	2.82	30	
tert-Butylbenzene	1.68	0.0418	1.670	0	101	79.2	125	1.612	4.10	30	
1,2,3-Trichloropropane	1.69	0.0418	1.670	0	101	66.4	132	1.617	4.47	30	
1,2,4-Trichlorobenzene	1.67	0.0418	1.670	0	99.9	68.9	139	1.602	4.10	30	
sec-Butylbenzene	1.71	0.0835	1.670	0	102	77	129	1.646	3.84	30	
4-Isopropyltoluene	1.86	0.0835	1.670	0.1149	104	77.1	128	1.786	3.83	30	
1,3-Dichlorobenzene	1.51	0.0334	1.670	0	90.4	87.8	120	1.471	2.58	30	
1,4-Dichlorobenzene	1.49	0.0334	1.670	0	89.0	88.1	119	1.446	2.82	30	
n-Butylbenzene	1.77	0.0418	1.670	0	106	67.6	137	1.724	2.85	30	
1,2-Dichlorobenzene	1.50	0.0334	1.670	0	89.6	88.1	120	1.463	2.23	30	
1,2-Dibromo-3-chloropropane	1.75	0.835	1.670	0	105	56.6	144	1.597	9.27	30	
1,2,4-Trimethylbenzene	1.66	0.0334	1.670	0	99.3	76.3	129	1.595	3.87	30	
Hexachloro-1,3-butadiene	2.02	0.0835	1.670	0	121	64.8	148	1.925	4.73	30	
Naphthalene	1.76	0.0835	1.670	0	106	54.8	151	1.683	4.65	30	
1,2,3-Trichlorobenzene	1.66	0.0334	1.670	0	99.1	59.3	150	1.603	3.20	30	
Surr: Dibromofluoromethane	2.28		2.088		109	80	116		0		
Surr: Toluene-d8	2.13		2.088		102	84.8	113		0		
Surr: 1-Bromo-4-fluorobenzene	2.17		2.088		104	82.8	113		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005160**
Logged by:	**Clare Griggs**	Date Received:	**5/14/2020 4:40:00 PM**

Chain of Custody

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

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 ☐

Samples were collected the same day and chilled.

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	5.3
Sample	20.6

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/14/20 Page: 1 of 2

Laboratory Project No (internal): 2005160

Project Name: F20C

Special Remarks:

Client: CSB

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL 209

Telephone:

Report To (PM): Vance

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (801.1)	Comments
1	209-PEX-40-15	5/14/20	1225	S					X									
2	209-PEX-41-3		1230		X				X									
3	209-PEX-42-16		1250						X									
4	209-PEX-43-16		1255						X									
5	209-PEX-44-10		1300						X									
6	209-PEX-45-10		1305						X									
7	209-PEX-46-15		1310						X									
8	209-PEX-47-15		1315						X									
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/14/2020 1630	x [signature]	5/14/20 1640
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/14/20 Page: 1 of 1

Laboratory Project No (internal): 2005160

Project Name: F20

Special Remarks: (X) Added per V.A. 6/4/20

Client: 056

Project No: 2021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vance

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PEX-40-15	5/14/20	1225	S					X										
2 209-PEX-41-3		1230		X				X		(X)		(X)						Cd, Pb
3 209-PEX-42-16		1250						X										
4 209-PEX-43-16		1255						X										
5 209-PEX-44-10		1300						X										
6 209-PEX-45-10		1305						X										
7 209-PEX-46-15		1310						X										
8 209-PEX-47-15	↓	1315	↓					X										
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/14/2020 1630	x [signature]	5/14/20 1640
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/14/20 | Page: 1 of 2 | Laboratory Project No (internal): 7005160

Project Name: F2.00

Project No: 2021

Collected by: DL

Location: FL 209

Report To (PM): Vance

PM Email:

Special Remarks: Added per V.A. 6/4/20 ~~to~~ full PAH per VA ML 6/6/20

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: 056

Address:

City, State, Zip:

Telephone:

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GRO)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DRO)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6000 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PEX-40-15	5/14/20	1223	S					X										
2 209-PEX-41-3		1230		X				X		⊕		⊗						Cd, Pb
3 209-PEX-42-16		1250						X										
4 209-PEX-43-16		1255						X										
5 209-PEX-44-10		1300						X										
6 209-PEX-45-10		1305						X										
7 209-PEX-46-15		1310						X										
8 209-PEX-47-15	↓	1315	↓					X										
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Si Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/14/2020 1630	x	5/14/20 1640
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (surcharge)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005191

June 18, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 4 sample(s) on 5/15/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Mercury by EPA Method 7471
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B
Volatile Organic Compounds by EPA Method 8260D

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

Date: *06/18/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005191

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005191-001	209-Stockpile-West-1	05/15/2020 1:20 PM	05/15/2020 2:35 PM
2005191-002	209-Stockpile-East-1	05/15/2020 1:25 PM	05/15/2020 2:35 PM
2005191-003	209-Stockpile-East-2	05/15/2020 1:25 PM	05/15/2020 2:35 PM
2005191-004	209-Stockpile-West-2	05/15/2020 1:40 PM	05/15/2020 2:35 PM

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

Case Narrative

WO#: **2005191**
Date: **6/18/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

6/18/2020: Revision 1 includes additional analysis requested by client.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:20:00 PM
Project: F200
Lab ID: 2005191-001
Matrix: Soil
Client Sample ID: **209-Stockpile-West-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28384		Analyst: DW
Diesel (Fuel Oil)	229	21.3		mg/Kg-dry	1	5/21/2020 2:51:15 PM
Heavy Oil	70.4	53.1		mg/Kg-dry	1	5/21/2020 2:51:15 PM
Surr: 2-Fluorobiphenyl	104	50 - 150		%Rec	1	5/21/2020 2:51:15 PM
Surr: o-Terphenyl	102	50 - 150		%Rec	1	5/21/2020 2:51:15 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28701		Analyst: SB
Naphthalene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
2-Methylnaphthalene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
1-Methylnaphthalene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Acenaphthylene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Acenaphthene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Fluorene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Phenanthrene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Anthracene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Fluoranthene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Pyrene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Benz(a)anthracene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Chrysene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Benzo(b)fluoranthene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Benzo(k)fluoranthene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Benzo(a)pyrene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Indeno(1,2,3-cd)pyrene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Dibenz(a,h)anthracene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Benzo(g,h,i)perylene	ND	37.2	H	µg/Kg-dry	1	6/18/2020 11:06:03 AM
Surr: 2-Fluorobiphenyl	64.3	6.91 - 127	H	%Rec	1	6/18/2020 11:06:03 AM
Surr: Terphenyl-d14 (surr)	84.5	32.9 - 153	H	%Rec	1	6/18/2020 11:06:03 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Chloromethane	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Vinyl chloride	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Bromomethane	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Trichlorofluoromethane (CFC-11)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Chloroethane	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Methylene chloride	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
trans-1,2-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:20:00 PM
Project: F200
Lab ID: 2005191-001
Matrix: Soil
Client Sample ID: **209-Stockpile-West-1**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28703 Analyst: KT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methyl tert-butyl ether (MTBE)	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1-Dichloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
cis-1,2-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Chloroform	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1,1-Trichloroethane (TCA)	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1-Dichloropropene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Carbon tetrachloride	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2-Dichloroethane (EDC)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Benzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Trichloroethene (TCE)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2-Dichloropropane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Bromodichloromethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Dibromomethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
cis-1,3-Dichloropropene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Toluene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
trans-1,3-Dichloropropylene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1,2-Trichloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,3-Dichloropropane	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Tetrachloroethene (PCE)	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Dibromochloromethane	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2-Dibromoethane (EDB)	ND	0.00524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Chlorobenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1,1,2-Tetrachloroethane	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Ethylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
m,p-Xylene	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
o-Xylene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Styrene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Isopropylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Bromoform	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,1,2,2-Tetrachloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
n-Propylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Bromobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,3,5-Trimethylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
2-Chlorotoluene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
4-Chlorotoluene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
tert-Butylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2,3-Trichloropropane	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2,4-Trichlorobenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
sec-Butylbenzene	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM

Analytical Report

Work Order: **2005191**
Date Reported: **6/18/2020**

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:20:00 PM
Project: F200
Lab ID: 2005191-001
Matrix: Soil
Client Sample ID: **209-Stockpile-West-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
4-Isopropyltoluene	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,3-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,4-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
n-Butylbenzene	ND	0.0262	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2-Dibromo-3-chloropropane	ND	0.524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2,4-Trimethylbenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Hexachloro-1,3-butadiene	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Naphthalene	ND	0.0524	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
1,2,3-Trichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 5:14:05 PM
Surr: Dibromofluoromethane	98.0	83.3 - 111	H	%Rec	1	6/17/2020 5:14:05 PM
Surr: Toluene-d8	99.8	87.9 - 111	H	%Rec	1	6/17/2020 5:14:05 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111	H	%Rec	1	6/17/2020 5:14:05 PM
Mercury by EPA Method 7471				Batch ID: 28712		Analyst: WF
Mercury	ND	0.255	H	mg/Kg-dry	1	6/18/2020 2:31:54 PM
Total Metals by EPA Method 6020B				Batch ID: 28709		Analyst: CO
Arsenic	2.88	0.211		mg/Kg-dry	1	6/18/2020 2:39:54 PM
Cadmium	ND	0.169		mg/Kg-dry	1	6/18/2020 2:39:54 PM
Chromium	22.1	0.0844		mg/Kg-dry	1	6/18/2020 2:39:54 PM
Lead	6.88	0.169		mg/Kg-dry	1	6/18/2020 2:39:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R59292		Analyst: CJ
Percent Moisture	7.39	0.500		wt%	1	5/21/2020 8:55:29 AM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-002
Matrix: Soil
Client Sample ID: **209-Stockpile-East-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28384		Analyst: DW
Diesel (Fuel Oil)	24.3	21.3		mg/Kg-dry	1	5/21/2020 3:21:03 PM
Heavy Oil	ND	53.4		mg/Kg-dry	1	5/21/2020 3:21:03 PM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	5/21/2020 3:21:03 PM
Surr: o-Terphenyl	104	50 - 150		%Rec	1	5/21/2020 3:21:03 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28701		Analyst: SB
Naphthalene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
2-Methylnaphthalene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
1-Methylnaphthalene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Acenaphthylene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Acenaphthene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Fluorene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Phenanthrene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Anthracene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Fluoranthene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Pyrene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Benz(a)anthracene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Chrysene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Benzo(b)fluoranthene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Benzo(k)fluoranthene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Benzo(a)pyrene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Indeno(1,2,3-cd)pyrene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Dibenz(a,h)anthracene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Benzo(g,h,i)perylene	ND	41.4	H	µg/Kg-dry	1	6/18/2020 12:31:48 PM
Surr: 2-Fluorobiphenyl	51.7	6.91 - 127	H	%Rec	1	6/18/2020 12:31:48 PM
Surr: Terphenyl-d14 (surr)	80.2	32.9 - 153	H	%Rec	1	6/18/2020 12:31:48 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Chloromethane	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Vinyl chloride	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Bromomethane	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Trichlorofluoromethane (CFC-11)	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Chloroethane	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1-Dichloroethene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Methylene chloride	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
trans-1,2-Dichloroethene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-002
Matrix: Soil
Client Sample ID: **209-Stockpile-East-1**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28703 Analyst: KT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methyl tert-butyl ether (MTBE)	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1-Dichloroethane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
cis-1,2-Dichloroethene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Chloroform	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1,1-Trichloroethane (TCA)	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1-Dichloropropene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Carbon tetrachloride	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2-Dichloroethane (EDC)	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Benzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Trichloroethene (TCE)	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2-Dichloropropane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Bromodichloromethane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Dibromomethane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
cis-1,3-Dichloropropene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Toluene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
trans-1,3-Dichloropropylene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1,2-Trichloroethane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,3-Dichloropropane	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Tetrachloroethene (PCE)	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Dibromochloromethane	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2-Dibromoethane (EDB)	ND	0.00512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Chlorobenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1,1,2-Tetrachloroethane	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Ethylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
m,p-Xylene	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
o-Xylene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Styrene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Isopropylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Bromoform	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,1,2,2-Tetrachloroethane	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
n-Propylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Bromobenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,3,5-Trimethylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
2-Chlorotoluene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
4-Chlorotoluene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
tert-Butylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2,3-Trichloropropane	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2,4-Trichlorobenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
sec-Butylbenzene	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-002
Matrix: Soil
Client Sample ID: **209-Stockpile-East-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
4-Isopropyltoluene	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,3-Dichlorobenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,4-Dichlorobenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
n-Butylbenzene	ND	0.0256	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2-Dichlorobenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2-Dibromo-3-chloropropane	ND	0.512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2,4-Trimethylbenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Hexachloro-1,3-butadiene	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Naphthalene	ND	0.0512	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
1,2,3-Trichlorobenzene	ND	0.0205	H	mg/Kg-dry	1	6/17/2020 5:44:12 PM
Surr: Dibromofluoromethane	98.2	83.3 - 111	H	%Rec	1	6/17/2020 5:44:12 PM
Surr: Toluene-d8	102	87.9 - 111	H	%Rec	1	6/17/2020 5:44:12 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	85.1 - 111	H	%Rec	1	6/17/2020 5:44:12 PM
Mercury by EPA Method 7471				Batch ID: 28712		Analyst: WF
Mercury	ND	0.274	H	mg/Kg-dry	1	6/18/2020 2:38:23 PM
Total Metals by EPA Method 6020B				Batch ID: 28709		Analyst: CO
Arsenic	5.33	0.201		mg/Kg-dry	1	6/18/2020 3:13:16 PM
Cadmium	0.167	0.161		mg/Kg-dry	1	6/18/2020 3:13:16 PM
Chromium	30.5	0.0803		mg/Kg-dry	1	6/18/2020 3:13:16 PM
Lead	7.72	0.161		mg/Kg-dry	1	6/18/2020 3:13:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R59292		Analyst: CJ
Percent Moisture	10.4	0.500		wt%	1	5/21/2020 8:55:29 AM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-003
Matrix: Soil
Client Sample ID: **209-Stockpile-East-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28385		Analyst: DW
Diesel (Fuel Oil)	72.1	19.3		mg/Kg-dry	1	5/21/2020 3:50:56 PM
Heavy Oil	227	48.4		mg/Kg-dry	1	5/21/2020 3:50:56 PM
Surr: 2-Fluorobiphenyl	84.5	50 - 150		%Rec	1	5/21/2020 3:50:56 PM
Surr: o-Terphenyl	89.4	50 - 150		%Rec	1	5/21/2020 3:50:56 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28701		Analyst: SB
Naphthalene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
2-Methylnaphthalene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
1-Methylnaphthalene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Acenaphthylene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Acenaphthene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Fluorene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Phenanthrene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Anthracene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Fluoranthene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Pyrene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Benz(a)anthracene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Chrysene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Benzo(b)fluoranthene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Benzo(k)fluoranthene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Benzo(a)pyrene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Indeno(1,2,3-cd)pyrene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Dibenz(a,h)anthracene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Benzo(g,h,i)perylene	ND	38.0	H	µg/Kg-dry	1	6/18/2020 12:53:16 PM
Surr: 2-Fluorobiphenyl	54.4	6.91 - 127	H	%Rec	1	6/18/2020 12:53:16 PM
Surr: Terphenyl-d14 (surr)	82.6	32.9 - 153	H	%Rec	1	6/18/2020 12:53:16 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Chloromethane	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Vinyl chloride	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Bromomethane	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Trichlorofluoromethane (CFC-11)	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Chloroethane	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1-Dichloroethene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Methylene chloride	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
trans-1,2-Dichloroethene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-003
Matrix: Soil
Client Sample ID: **209-Stockpile-East-2**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28703 Analyst: KT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methyl tert-butyl ether (MTBE)	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1-Dichloroethane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
cis-1,2-Dichloroethene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Chloroform	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1,1-Trichloroethane (TCA)	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1-Dichloropropene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Carbon tetrachloride	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2-Dichloroethane (EDC)	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Benzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Trichloroethene (TCE)	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2-Dichloropropane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Bromodichloromethane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Dibromomethane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
cis-1,3-Dichloropropene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Toluene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
trans-1,3-Dichloropropylene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1,2-Trichloroethane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,3-Dichloropropane	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Tetrachloroethene (PCE)	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Dibromochloromethane	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2-Dibromoethane (EDB)	ND	0.00542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Chlorobenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1,1,2-Tetrachloroethane	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Ethylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
m,p-Xylene	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
o-Xylene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Styrene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Isopropylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Bromoform	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,1,2,2-Tetrachloroethane	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
n-Propylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Bromobenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,3,5-Trimethylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
2-Chlorotoluene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
4-Chlorotoluene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
tert-Butylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2,3-Trichloropropane	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2,4-Trichlorobenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
sec-Butylbenzene	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:25:00 PM
Project: F200
Lab ID: 2005191-003
Matrix: Soil
Client Sample ID: **209-Stockpile-East-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
4-Isopropyltoluene	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,3-Dichlorobenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,4-Dichlorobenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
n-Butylbenzene	ND	0.0271	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2-Dichlorobenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2-Dibromo-3-chloropropane	ND	0.542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2,4-Trimethylbenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Hexachloro-1,3-butadiene	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Naphthalene	ND	0.0542	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
1,2,3-Trichlorobenzene	ND	0.0217	H	mg/Kg-dry	1	6/17/2020 6:14:20 PM
Surr: Dibromofluoromethane	101	83.3 - 111	H	%Rec	1	6/17/2020 6:14:20 PM
Surr: Toluene-d8	102	87.9 - 111	H	%Rec	1	6/17/2020 6:14:20 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111	H	%Rec	1	6/17/2020 6:14:20 PM
Mercury by EPA Method 7471				Batch ID: 28712		Analyst: WF
Mercury	0.396	0.258	H	mg/Kg-dry	1	6/18/2020 2:39:59 PM
Total Metals by EPA Method 6020B				Batch ID: 28709		Analyst: CO
Arsenic	5.94	0.215		mg/Kg-dry	1	6/18/2020 3:18:49 PM
Cadmium	0.193	0.172		mg/Kg-dry	1	6/18/2020 3:18:49 PM
Chromium	28.2	0.0860		mg/Kg-dry	1	6/18/2020 3:18:49 PM
Lead	16.8	0.172		mg/Kg-dry	1	6/18/2020 3:18:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R59292		Analyst: CJ
Percent Moisture	8.42	0.500		wt%	1	5/21/2020 8:55:29 AM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:40:00 PM
Project: F200
Lab ID: 2005191-004
Matrix: Soil
Client Sample ID: **209-Stockpile-West-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28385		Analyst: DW
Diesel (Fuel Oil)	140	20.3		mg/Kg-dry	1	5/21/2020 5:50:27 PM
Heavy Oil	ND	50.8		mg/Kg-dry	1	5/21/2020 5:50:27 PM
Surr: 2-Fluorobiphenyl	92.3	50 - 150		%Rec	1	5/21/2020 5:50:27 PM
Surr: o-Terphenyl	95.3	50 - 150		%Rec	1	5/21/2020 5:50:27 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28701		Analyst: SB
Naphthalene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
2-Methylnaphthalene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
1-Methylnaphthalene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Acenaphthylene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Acenaphthene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Fluorene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Phenanthrene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Anthracene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Fluoranthene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Pyrene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Benz(a)anthracene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Chrysene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Benzo(b)fluoranthene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Benzo(k)fluoranthene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Benzo(a)pyrene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Indeno(1,2,3-cd)pyrene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Dibenz(a,h)anthracene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Benzo(g,h,i)perylene	ND	37.4	H	µg/Kg-dry	1	6/18/2020 1:14:49 PM
Surr: 2-Fluorobiphenyl	57.3	6.91 - 127	H	%Rec	1	6/18/2020 1:14:49 PM
Surr: Terphenyl-d14 (surr)	83.2	32.9 - 153	H	%Rec	1	6/18/2020 1:14:49 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
Dichlorodifluoromethane (CFC-12)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Chloromethane	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Vinyl chloride	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Bromomethane	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Trichlorofluoromethane (CFC-11)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Chloroethane	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Methylene chloride	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
trans-1,2-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:40:00 PM
Project: F200
Lab ID: 2005191-004
Matrix: Soil
Client Sample ID: **209-Stockpile-West-2**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28703 Analyst: KT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methyl tert-butyl ether (MTBE)	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1-Dichloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
cis-1,2-Dichloroethene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Chloroform	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1,1-Trichloroethane (TCA)	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1-Dichloropropene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Carbon tetrachloride	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2-Dichloroethane (EDC)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Benzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Trichloroethene (TCE)	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2-Dichloropropane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Bromodichloromethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Dibromomethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
cis-1,3-Dichloropropene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Toluene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
trans-1,3-Dichloropropylene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1,2-Trichloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,3-Dichloropropane	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Tetrachloroethene (PCE)	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Dibromochloromethane	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2-Dibromoethane (EDB)	ND	0.00525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Chlorobenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1,1,2-Tetrachloroethane	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Ethylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
m,p-Xylene	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
o-Xylene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Styrene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Isopropylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Bromoform	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,1,2,2-Tetrachloroethane	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
n-Propylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Bromobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,3,5-Trimethylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
2-Chlorotoluene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
4-Chlorotoluene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
tert-Butylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2,3-Trichloropropane	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2,4-Trichlorobenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
sec-Butylbenzene	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM

Client: O'Neill Service Group
Collection Date: 5/15/2020 1:40:00 PM
Project: F200
Lab ID: 2005191-004
Matrix: Soil
Client Sample ID: **209-Stockpile-West-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28703		Analyst: KT
4-Isopropyltoluene	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,3-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,4-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
n-Butylbenzene	ND	0.0263	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2-Dichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2-Dibromo-3-chloropropane	ND	0.525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2,4-Trimethylbenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Hexachloro-1,3-butadiene	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Naphthalene	ND	0.0525	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
1,2,3-Trichlorobenzene	ND	0.0210	H	mg/Kg-dry	1	6/17/2020 6:44:27 PM
Surr: Dibromofluoromethane	103	83.3 - 111	H	%Rec	1	6/17/2020 6:44:27 PM
Surr: Toluene-d8	102	87.9 - 111	H	%Rec	1	6/17/2020 6:44:27 PM
Surr: 1-Bromo-4-fluorobenzene	102	85.1 - 111	H	%Rec	1	6/17/2020 6:44:27 PM
Mercury by EPA Method 7471				Batch ID: 28712		Analyst: WF
Mercury	ND	0.256	H	mg/Kg-dry	1	6/18/2020 2:41:35 PM
Total Metals by EPA Method 6020B				Batch ID: 28709		Analyst: CO
Arsenic	3.89	0.209		mg/Kg-dry	1	6/18/2020 3:43:18 PM
Cadmium	ND	0.167		mg/Kg-dry	1	6/18/2020 3:43:18 PM
Chromium	31.5	0.0837		mg/Kg-dry	1	6/18/2020 3:43:18 PM
Lead	8.27	0.167		mg/Kg-dry	1	6/18/2020 3:43:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R59292		Analyst: CJ
Percent Moisture	9.47	0.500		wt%	1	5/21/2020 8:55:29 AM

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28385**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/19/2020**	RunNo: **59332**
Client ID: **MBLKS**	Batch ID: **28385**		Analysis Date: **5/21/2020**	SeqNo: **1185986**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.4		20.00		81.8	50	150				
Surr: o-Terphenyl	17.7		20.00		88.6	50	150				

Sample ID: **LCS-28385**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/19/2020**	RunNo: **59332**
Client ID: **LCSS**	Batch ID: **28385**		Analysis Date: **5/21/2020**	SeqNo: **1185987**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	466	20.0	500.0	0	93.2	65	135				
Surr: 2-Fluorobiphenyl	18.5		20.00		92.7	50	150				
Surr: o-Terphenyl	18.3		20.00		91.4	50	150				

Sample ID: **2005191-003ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/19/2020**	RunNo: **59332**
Client ID: **209-Stockpile-East-2**	Batch ID: **28385**		Analysis Date: **5/21/2020**	SeqNo: **1185989**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	103	21.1						72.10	35.8	30	R
Heavy Oil	172	52.9						226.8	27.4	30	R
Surr: 2-Fluorobiphenyl	18.3		21.14		86.3	50	150		0		
Surr: o-Terphenyl	19.3		21.14		91.5	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity.

Sample ID: **2005191-003AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/19/2020**	RunNo: **59332**
Client ID: **209-Stockpile-East-2**	Batch ID: **28385**		Analysis Date: **5/21/2020**	SeqNo: **1185990**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	541	18.6	464.7	72.10	101	65	135				
Surr: 2-Fluorobiphenyl	18.1		18.59		97.1	50	150				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005191-003AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59332**		
Client ID: **209-Stockpile-East-2**	Batch ID: **28385**					Analysis Date: **5/21/2020**		SeqNo: **1185990**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	17.6		18.59		94.5	50	150				

Sample ID: **2005191-003AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59332**		
Client ID: **209-Stockpile-East-2**	Batch ID: **28385**					Analysis Date: **5/21/2020**		SeqNo: **1185991**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	550	18.3	458.4	72.10	104	65	135	540.8	1.72	30	
Surr: 2-Fluorobiphenyl	17.9		18.34		97.6	50	150		0		
Surr: o-Terphenyl	17.8		18.34		96.9	50	150		0		

Sample ID: **2005192-020ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59332**		
Client ID: **BATCH**	Batch ID: **28385**					Analysis Date: **5/21/2020**		SeqNo: **1186003**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	22.4						0		30	
Heavy Oil	ND	55.9						0		30	
Surr: 2-Fluorobiphenyl	17.8		22.35		79.8	50	150		0		
Surr: o-Terphenyl	19.7		22.35		88.2	50	150		0		

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28384**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/19/2020**	RunNo: **59327**
Client ID: **MBLKS**	Batch ID: **28384**		Analysis Date: **5/21/2020**	SeqNo: **1185828**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	19.4		20.00		97.0	50	150				
Surr: o-Terphenyl	19.8		20.00		98.8	50	150				

Sample ID: **LCS-28384**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/19/2020**	RunNo: **59327**
Client ID: **LCSS**	Batch ID: **28384**		Analysis Date: **5/21/2020**	SeqNo: **1185829**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	475	20.0	500.0	0	95.1	65	135				
Surr: 2-Fluorobiphenyl	21.3		20.00		106	50	150				
Surr: o-Terphenyl	20.9		20.00		105	50	150				

Sample ID: **2005187-002ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/19/2020**	RunNo: **59327**
Client ID: **BATCH**	Batch ID: **28384**		Analysis Date: **5/21/2020**	SeqNo: **1185831**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	31.6						0		30	
Heavy Oil	ND	79.0						179.6	7.12	30	
Heavy Oil Range Organics (C24-37)	167	79.0						179.6	7.12	30	
Surr: 2-Fluorobiphenyl	30.4		31.59		96.2	50	150		0		
Surr: o-Terphenyl	31.0		31.59		98.1	50	150		0		

NOTES:
Heavy Oil Range Organics - Indicates unresolved compounds in the Oil range inconsistent with a known petroleum standard.

Sample ID: **2005187-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **5/19/2020**	RunNo: **59327**
Client ID: **BATCH**	Batch ID: **28384**		Analysis Date: **5/21/2020**	SeqNo: **1185832**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	506	32.0	799.8	0	63.2	65	135				S

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2005187-002AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59327**		
Client ID: **BATCH**	Batch ID: **28384**					Analysis Date: **5/21/2020**		SeqNo: **1185832**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	18.0		31.99		56.4	50	150				
Surr: o-Terphenyl	17.8		31.99		55.7	50	150				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2005187-002AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59327**		
Client ID: **BATCH**	Batch ID: **28384**					Analysis Date: **5/21/2020**		SeqNo: **1185833**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	608	31.8	796.2	0	76.4	65	135	505.7	18.4	30	
Surr: 2-Fluorobiphenyl	22.5		31.85		70.7	50	150		0		
Surr: o-Terphenyl	21.1		31.85		66.3	50	150		0		

Sample ID: **2005191-002ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **5/19/2020**		RunNo: **59327**		
Client ID: **209-Stockpile-East-1**	Batch ID: **28384**					Analysis Date: **5/21/2020**		SeqNo: **1185855**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.2						24.33	65.5	30	
Heavy Oil	ND	53.0						0		30	
Surr: 2-Fluorobiphenyl	21.1		21.19		99.8	50	150		0		
Surr: o-Terphenyl	21.3		21.19		101	50	150		0		

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Mercury by EPA Method 7471

Sample ID: **MB-28712**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/18/2020**	RunNo: **59940**
Client ID: **MBLKS**	Batch ID: **28712**		Analysis Date: **6/18/2020**	SeqNo: **1199724**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.236									

Sample ID: **LCS-28712**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/18/2020**	RunNo: **59940**
Client ID: **LCSS**	Batch ID: **28712**		Analysis Date: **6/18/2020**	SeqNo: **1199725**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.501	0.245	0.4902	0	102	80	120				

Sample ID: **2005191-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/18/2020**	RunNo: **59940**
Client ID: **209-Stockpile-West-1**	Batch ID: **28712**		Analysis Date: **6/18/2020**	SeqNo: **1199727**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.265						0		20	H

Sample ID: **2005191-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/18/2020**	RunNo: **59940**
Client ID: **209-Stockpile-West-1**	Batch ID: **28712**		Analysis Date: **6/18/2020**	SeqNo: **1199728**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.554	0.260	0.5192	0.04238	98.6	70	130				H

Sample ID: **2005191-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/18/2020**	RunNo: **59940**
Client ID: **209-Stockpile-West-1**	Batch ID: **28712**		Analysis Date: **6/18/2020**	SeqNo: **1199729**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.570	0.270	0.5399	0.04238	97.8	70	130	0.5545	2.79	20	H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-28701** SampType: **MBLK** Units: **µg/Kg** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **MBLKS** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	300		500.0		60.1	6.91	127				
Surr: Terphenyl-d14 (surr)	414		500.0		82.8	32.9	153				

Sample ID: **LCS-28701** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **LCSS** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199690**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	700	40.0	1,000	0	70.0	47.3	136				
2-Methylnaphthalene	643	40.0	1,000	0	64.3	48.6	142				
1-Methylnaphthalene	702	40.0	1,000	0	70.2	51	140				
Acenaphthylene	748	40.0	1,000	0	74.8	47.5	137				
Acenaphthene	715	40.0	1,000	0	71.5	49.1	138				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-28701** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **LCSS** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199690**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	741	40.0	1,000	0	74.1	49.3	137				
Phenanthrene	701	40.0	1,000	0	70.1	45.5	139				
Anthracene	719	40.0	1,000	0	71.9	44	139				
Fluoranthene	725	40.0	1,000	0	72.5	48.7	144				
Pyrene	741	40.0	1,000	0	74.1	47.9	143				
Benz(a)anthracene	697	40.0	1,000	0	69.7	49.8	143				
Chrysene	736	40.0	1,000	0	73.6	47.1	144				
Benzo(b)fluoranthene	764	40.0	1,000	0	76.4	44.6	150				
Benzo(k)fluoranthene	681	40.0	1,000	0	68.1	47.5	148				
Benzo(a)pyrene	688	40.0	1,000	0	68.8	45	149				
Indeno(1,2,3-cd)pyrene	702	40.0	1,000	0	70.2	41.4	146				
Dibenz(a,h)anthracene	712	40.0	1,000	0	71.2	43.4	145				
Benzo(g,h,i)perylene	713	40.0	1,000	0	71.3	42.7	144				
Surr: 2-Fluorobiphenyl	369		500.0		73.7	6.91	127				
Surr: Terphenyl-d14 (surr)	380		500.0		76.0	32.9	153				

Sample ID: **2005191-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **209-Stockpile-West-1** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	39.7						0		30	H
2-Methylnaphthalene	ND	39.7						0		30	H
1-Methylnaphthalene	ND	39.7						0		30	H
Acenaphthylene	ND	39.7						0		30	H
Acenaphthene	ND	39.7						0		30	H
Fluorene	ND	39.7						0		30	H
Phenanthrene	ND	39.7						0		30	H
Anthracene	ND	39.7						0		30	H
Fluoranthene	ND	39.7						0		30	H
Pyrene	ND	39.7						0		30	H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2005191-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **209-Stockpile-West-1** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	ND	39.7						0		30	H
Chrysene	ND	39.7						0		30	H
Benzo(b)fluoranthene	ND	39.7						0		30	H
Benzo(k)fluoranthene	ND	39.7						0		30	H
Benzo(a)pyrene	ND	39.7						0		30	H
Indeno(1,2,3-cd)pyrene	ND	39.7						0		30	H
Dibenz(a,h)anthracene	ND	39.7						0		30	H
Benzo(g,h,i)perylene	ND	39.7						0		30	H
Surr: 2-Fluorobiphenyl	300		496.7		60.3	6.91	127		0		H
Surr: Terphenyl-d14 (surr)	411		496.7		82.7	32.9	153		0		H

Sample ID: **2005191-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **209-Stockpile-West-1** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	752	38.8	969.3	0	77.6	33	123				H
2-Methylnaphthalene	779	38.8	969.3	0	80.3	38.9	128				H
1-Methylnaphthalene	794	38.8	969.3	0	81.9	36.2	129				H
Acenaphthylene	812	38.8	969.3	0	83.7	39	132				H
Acenaphthene	740	38.8	969.3	0	76.3	39.5	124				H
Fluorene	776	38.8	969.3	0	80.0	38.5	128				H
Phenanthrene	832	38.8	969.3	0	85.9	34.1	130				H
Anthracene	768	38.8	969.3	0	79.2	38.8	128				H
Fluoranthene	804	38.8	969.3	0	83.0	38.6	136				H
Pyrene	893	38.8	969.3	31.60	88.9	37.8	134				H
Benz(a)anthracene	869	38.8	969.3	7.214	88.9	35.9	142				H
Chrysene	775	38.8	969.3	4.353	79.5	36.7	131				H
Benzo(b)fluoranthene	914	38.8	969.3	0	94.3	35	141				H
Benzo(k)fluoranthene	716	38.8	969.3	0	73.8	35.9	136				H
Benzo(a)pyrene	807	38.8	969.3	0	83.3	31.2	142				H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2005191-001AMS**	SampType: **MS**	Units: **µg/Kg-dry**	Prep Date: **6/17/2020**	RunNo: **59937**
Client ID: **209-Stockpile-West-1**	Batch ID: **28701**		Analysis Date: **6/18/2020**	SeqNo: **1199693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	723	38.8	969.3	0	74.6	29.1	133				H
Dibenz(a,h)anthracene	721	38.8	969.3	0	74.3	31.3	132				H
Benzo(g,h,i)perylene	749	38.8	969.3	0	77.2	30.2	128				H
Surr: 2-Fluorobiphenyl	358		484.7		73.8	6.91	127				H
Surr: Terphenyl-d14 (surr)	384		484.7		79.3	32.9	153				H

Sample ID: **2005191-001AMSD**	SampType: **MSD**	Units: **µg/Kg-dry**	Prep Date: **6/17/2020**	RunNo: **59937**
Client ID: **209-Stockpile-West-1**	Batch ID: **28701**		Analysis Date: **6/18/2020**	SeqNo: **1199694**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	743	37.9	946.4	0	78.5	33	123	751.8	1.18	30	H
2-Methylnaphthalene	755	37.9	946.4	0	79.8	38.9	128	778.6	3.03	30	H
1-Methylnaphthalene	757	37.9	946.4	0	80.0	36.2	129	794.0	4.78	30	H
Acenaphthylene	821	37.9	946.4	0	86.7	39	132	811.7	1.11	30	H
Acenaphthene	763	37.9	946.4	0	80.6	39.5	124	739.7	3.11	30	H
Fluorene	792	37.9	946.4	0	83.7	38.5	128	775.6	2.11	30	H
Phenanthrene	781	37.9	946.4	0	82.6	34.1	130	832.3	6.31	30	H
Anthracene	796	37.9	946.4	0	84.2	38.8	128	767.9	3.66	30	H
Fluoranthene	832	37.9	946.4	0	88.0	38.6	136	804.2	3.45	30	H
Pyrene	866	37.9	946.4	31.60	88.2	37.8	134	893.4	3.06	30	H
Benz(a)anthracene	812	37.9	946.4	7.214	85.0	35.9	142	868.7	6.78	30	H
Chrysene	797	37.9	946.4	4.353	83.8	36.7	131	774.7	2.86	30	H
Benzo(b)fluoranthene	874	37.9	946.4	0	92.4	35	141	913.8	4.40	30	H
Benzo(k)fluoranthene	764	37.9	946.4	0	80.8	35.9	136	715.8	6.56	30	H
Benzo(a)pyrene	811	37.9	946.4	0	85.6	31.2	142	807.2	0.421	30	H
Indeno(1,2,3-cd)pyrene	755	37.9	946.4	0	79.8	29.1	133	723.4	4.29	30	H
Dibenz(a,h)anthracene	750	37.9	946.4	0	79.3	31.3	132	720.6	4.06	30	H
Benzo(g,h,i)perylene	755	37.9	946.4	0	79.7	30.2	128	748.7	0.775	30	H
Surr: 2-Fluorobiphenyl	346		473.2		73.2	6.91	127		0		H
Surr: Terphenyl-d14 (surr)	409		473.2		86.4	32.9	153		0		H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2005191-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59937**
Client ID: **209-Stockpile-West-1** Batch ID: **28701** Analysis Date: **6/18/2020** SeqNo: **1199694**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-28709** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **MBLKS** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199890**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.197									
Cadmium	ND	0.157									
Chromium	ND	0.0787									
Lead	ND	0.157									

Sample ID: **LCS-28709** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **LCSS** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199891**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	35.1	0.185	37.04	0	94.7	80	120				
Cadmium	1.85	0.148	1.852	0	99.8	80	120				
Chromium	38.1	0.0741	37.04	0	103	80	120				
Lead	19.4	0.148	18.52	0	105	80	120				

Sample ID: **2005191-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **209-Stockpile-West-1** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199893**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	3.29	0.214						2.877	13.4	20	
Cadmium	ND	0.171						0		20	
Chromium	20.5	0.0857						22.06	7.36	20	
Lead	13.1	0.171						6.876	62.3	20	R

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.

Sample ID: **2005191-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **209-Stockpile-West-1** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	44.8	0.214	42.85	2.877	97.8	75	125				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2005191-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **209-Stockpile-West-1** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.23	0.171	2.143	0.07196	101	75	125				
Chromium	66.8	0.0857	42.85	22.06	105	75	125				
Lead	25.5	0.171	21.43	6.876	86.7	75	125				

Sample ID: **2005191-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/18/2020** RunNo: **59945**
Client ID: **209-Stockpile-West-1** Batch ID: **28709** Analysis Date: **6/18/2020** SeqNo: **1199896**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	41.2	0.201	40.29	2.877	95.1	75	125	44.78	8.33	20	
Cadmium	2.14	0.161	2.015	0.07196	103	75	125	2.227	4.01	20	
Chromium	64.9	0.0806	40.29	22.06	106	75	125	66.84	2.92	20	
Lead	25.9	0.161	20.15	6.876	94.3	75	125	25.46	1.58	20	

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28703** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **LCSS** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.702	0.0200	1.000	0	70.2	13.4	185				
Chloromethane	0.808	0.0500	1.000	0	80.8	38.5	158				
Vinyl chloride	0.855	0.0250	1.000	0	85.5	53.6	138				
Bromomethane	0.985	0.0500	1.000	0	98.5	56.6	151				
Trichlorofluoromethane (CFC-11)	0.956	0.0200	1.000	0	95.6	64.2	137				
Chloroethane	0.960	0.0500	1.000	0	96.0	54.1	134				
1,1-Dichloroethene	0.935	0.0200	1.000	0	93.5	66	133				
Methylene chloride	0.945	0.0200	1.000	0	94.5	74.3	117				
trans-1,2-Dichloroethene	0.933	0.0200	1.000	0	93.3	79.6	115				
Methyl tert-butyl ether (MTBE)	0.956	0.0500	1.000	0	95.6	73.1	119				
1,1-Dichloroethane	0.938	0.0200	1.000	0	93.8	75.8	117				
cis-1,2-Dichloroethene	0.951	0.0200	1.000	0	95.1	77.8	115				
Chloroform	0.944	0.0200	1.000	0	94.4	78.2	115				
1,1,1-Trichloroethane (TCA)	0.947	0.0250	1.000	0	94.7	76	121				
1,1-Dichloropropene	0.985	0.0200	1.000	0	98.5	77.2	120				
Carbon tetrachloride	0.946	0.0500	1.000	0	94.6	74	122				
1,2-Dichloroethane (EDC)	0.960	0.0200	1.000	0	96.0	74.7	115				
Benzene	0.949	0.0200	1.000	0	94.9	80.5	114				
Trichloroethene (TCE)	0.981	0.0200	1.000	0	98.1	79.6	118				
1,2-Dichloropropane	0.955	0.0200	1.000	0	95.5	78.2	115				
Bromodichloromethane	0.955	0.0200	1.000	0	95.5	76.6	116				
Dibromomethane	0.945	0.0200	1.000	0	94.5	77.9	115				
cis-1,3-Dichloropropene	0.970	0.0200	1.000	0	97.0	74.6	119				
Toluene	0.980	0.0200	1.000	0	98.0	79.6	116				
trans-1,3-Dichloropropylene	0.959	0.0200	1.000	0	95.9	70.6	124				
1,1,2-Trichloroethane	0.960	0.0200	1.000	0	96.0	75.6	116				
1,3-Dichloropropane	0.961	0.0250	1.000	0	96.1	75.3	116				
Tetrachloroethene (PCE)	0.957	0.0250	1.000	0	95.7	78.8	119				
Dibromochloromethane	0.951	0.0250	1.000	0	95.1	72.5	123				
1,2-Dibromoethane (EDB)	0.963	0.00500	1.000	0	96.3	75	116				
Chlorobenzene	0.949	0.0250	1.000	0	94.9	83.4	113				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28703** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **LCSS** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.938	0.0250	1.000	0	93.8	80.8	117				
Ethylbenzene	0.973	0.0250	1.000	0	97.3	81.6	116				
m,p-Xylene	1.95	0.0500	2.000	0	97.6	80.9	117				
o-Xylene	0.971	0.0250	1.000	0	97.1	80.8	114				
Styrene	0.965	0.0250	1.000	0	96.5	80.4	114				
Isopropylbenzene	0.976	0.0250	1.000	0	97.6	79.3	118				
Bromoform	0.902	0.0500	1.000	0	90.2	71	129				
1,1,2,2-Tetrachloroethane	0.984	0.0200	1.000	0	98.4	71.3	119				
n-Propylbenzene	0.990	0.0250	1.000	0	99.0	80.4	120				
Bromobenzene	0.937	0.0200	1.000	0	93.7	78.6	115				
1,3,5-Trimethylbenzene	0.967	0.0250	1.000	0	96.7	80	116				
2-Chlorotoluene	0.972	0.0250	1.000	0	97.2	78.6	116				
4-Chlorotoluene	0.983	0.0250	1.000	0	98.3	78.8	117				
tert-Butylbenzene	0.961	0.0250	1.000	0	96.1	77.8	118				
1,2,3-Trichloropropane	0.972	0.0250	1.000	0	97.2	67.5	129				
1,2,4-Trichlorobenzene	0.931	0.0250	1.000	0	93.1	79.6	124				
sec-Butylbenzene	0.982	0.0500	1.000	0	98.2	78.6	119				
4-Isopropyltoluene	0.971	0.0500	1.000	0	97.1	78	119				
1,3-Dichlorobenzene	0.978	0.0200	1.000	0	97.8	87.1	117				
1,4-Dichlorobenzene	0.973	0.0200	1.000	0	97.3	87.6	115				
n-Butylbenzene	0.994	0.0250	1.000	0	99.4	81.9	122				
1,2-Dichlorobenzene	0.986	0.0200	1.000	0	98.6	87.9	115				
1,2-Dibromo-3-chloropropane	1.01	0.500	1.000	0	101	65.6	132				
1,2,4-Trimethylbenzene	0.981	0.0200	1.000	0	98.1	79.3	117				
Hexachloro-1,3-butadiene	0.952	0.0500	1.000	0	95.2	75	130				
Naphthalene	0.936	0.0500	1.000	0	93.6	71.7	132				
1,2,3-Trichlorobenzene	0.912	0.0200	1.000	0	91.2	74.3	128				
Surr: Dibromofluoromethane	1.24		1.250		99.1	83.3	111				
Surr: Toluene-d8	1.28		1.250		102	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.7	85.1	111				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28703** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **MBLKS** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28703** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **MBLKS** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Styrene	ND	0.0250									
Isopropylbenzene	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0250									
Bromobenzene	ND	0.0200									
1,3,5-Trimethylbenzene	ND	0.0250									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
tert-Butylbenzene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
sec-Butylbenzene	ND	0.0500									
4-Isopropyltoluene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0250									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachloro-1,3-butadiene	ND	0.0500									
Naphthalene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		95.6	83.3	111				
Surr: Toluene-d8	1.27		1.250		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	85.1	111				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005191-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **209-Stockpile-West-2** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199476**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0210						0		30	H
Chloromethane	ND	0.0525						0		30	H
Vinyl chloride	ND	0.0263						0		30	H
Bromomethane	ND	0.0525						0		30	H
Trichlorofluoromethane (CFC-11)	ND	0.0210						0		30	H
Chloroethane	ND	0.0525						0		30	H
1,1-Dichloroethene	ND	0.0210						0		30	H
Methylene chloride	ND	0.0210						0		30	H
trans-1,2-Dichloroethene	ND	0.0210						0		30	H
Methyl tert-butyl ether (MTBE)	ND	0.0525						0		30	H
1,1-Dichloroethane	ND	0.0210						0		30	H
cis-1,2-Dichloroethene	ND	0.0210						0		30	H
Chloroform	ND	0.0210						0		30	H
1,1,1-Trichloroethane (TCA)	ND	0.0263						0		30	H
1,1-Dichloropropene	ND	0.0210						0		30	H
Carbon tetrachloride	ND	0.0525						0		30	H
1,2-Dichloroethane (EDC)	ND	0.0210						0		30	H
Benzene	ND	0.0210						0		30	H
Trichloroethene (TCE)	ND	0.0210						0		30	H
1,2-Dichloropropane	ND	0.0210						0		30	H
Bromodichloromethane	ND	0.0210						0		30	H
Dibromomethane	ND	0.0210						0		30	H
cis-1,3-Dichloropropene	ND	0.0210						0		30	H
Toluene	ND	0.0210						0		30	H
trans-1,3-Dichloropropylene	ND	0.0210						0		30	H
1,1,2-Trichloroethane	ND	0.0210						0		30	H
1,3-Dichloropropane	ND	0.0263						0		30	H
Tetrachloroethene (PCE)	ND	0.0263						0		30	H
Dibromochloromethane	ND	0.0263						0		30	H
1,2-Dibromoethane (EDB)	ND	0.00525						0		30	H
Chlorobenzene	ND	0.0263						0		30	H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2005191-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **209-Stockpile-West-2** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199476**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.0263						0		30	H
Ethylbenzene	ND	0.0263						0		30	H
m,p-Xylene	ND	0.0525						0		30	H
o-Xylene	ND	0.0263						0		30	H
Styrene	ND	0.0263						0		30	H
Isopropylbenzene	ND	0.0263						0		30	H
Bromoform	ND	0.0525						0		30	H
1,1,2,2-Tetrachloroethane	ND	0.0210						0		30	H
n-Propylbenzene	ND	0.0263						0		30	H
Bromobenzene	ND	0.0210						0		30	H
1,3,5-Trimethylbenzene	ND	0.0263						0		30	H
2-Chlorotoluene	ND	0.0263						0		30	H
4-Chlorotoluene	ND	0.0263						0		30	H
tert-Butylbenzene	ND	0.0263						0		30	H
1,2,3-Trichloropropane	ND	0.0263						0		30	H
1,2,4-Trichlorobenzene	ND	0.0263						0		30	H
sec-Butylbenzene	ND	0.0525						0		30	H
4-Isopropyltoluene	ND	0.0525						0		30	H
1,3-Dichlorobenzene	ND	0.0210						0		30	H
1,4-Dichlorobenzene	ND	0.0210						0		30	H
n-Butylbenzene	ND	0.0263						0		30	H
1,2-Dichlorobenzene	ND	0.0210						0		30	H
1,2-Dibromo-3-chloropropane	ND	0.525						0		30	H
1,2,4-Trimethylbenzene	ND	0.0210						0		30	H
Hexachloro-1,3-butadiene	ND	0.0525						0		30	H
Naphthalene	ND	0.0525						0		30	H
1,2,3-Trichlorobenzene	ND	0.0210						0		30	H
Surr: Dibromofluoromethane	1.30		1.313		99.3	83.3	111		0		H
Surr: Toluene-d8	1.31		1.313		100	87.9	111		0		H
Surr: 1-Bromo-4-fluorobenzene	1.33		1.313		101	85.1	111		0		H

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006287-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199479**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.943	0.0295	1.473	0	64.0	5.73	173				
Chloromethane	1.29	0.0736	1.473	0	87.9	41.3	150				
Vinyl chloride	1.31	0.0368	1.473	0	89.3	49.5	138				
Bromomethane	1.71	0.0736	1.473	0	116	48.5	158				
Trichlorofluoromethane (CFC-11)	1.38	0.0295	1.473	0	93.8	40.6	159				
Chloroethane	1.55	0.0736	1.473	0	105	30.4	166				
1,1-Dichloroethene	1.44	0.0295	1.473	0	98.0	55	138				
Methylene chloride	1.56	0.0295	1.473	0	106	70.3	123				
trans-1,2-Dichloroethene	1.51	0.0295	1.473	0	103	73.1	121				
Methyl tert-butyl ether (MTBE)	1.41	0.0736	1.473	0	95.9	69.6	122				
1,1-Dichloroethane	1.58	0.0295	1.473	0	107	70.8	122				
cis-1,2-Dichloroethene	1.54	0.0295	1.473	0	105	71.8	122				
Chloroform	1.57	0.0295	1.473	0	107	72.9	122				
1,1,1-Trichloroethane (TCA)	1.50	0.0368	1.473	0	102	69.6	125				
1,1-Dichloropropene	1.51	0.0295	1.473	0	103	69.3	126				
Carbon tetrachloride	1.43	0.0736	1.473	0	97.4	65	127				
1,2-Dichloroethane (EDC)	1.55	0.0295	1.473	0	106	70.1	121				
Benzene	1.52	0.0295	1.473	0	103	76.7	119				
Trichloroethene (TCE)	2.12	0.0295	1.473	0	144	70.1	129				S
1,2-Dichloropropane	1.50	0.0295	1.473	0	102	74.6	120				
Bromodichloromethane	1.50	0.0295	1.473	0	102	70.9	122				
Dibromomethane	1.53	0.0295	1.473	0	104	75.6	120				
cis-1,3-Dichloropropene	1.48	0.0295	1.473	0	100	68.3	120				
Toluene	1.54	0.0295	1.473	0	104	74.7	119				
trans-1,3-Dichloropropylene	1.41	0.0295	1.473	0	96.0	62.2	127				
1,1,2-Trichloroethane	1.46	0.0295	1.473	0	99.1	72.9	120				
1,3-Dichloropropane	1.48	0.0368	1.473	0	101	71.9	119				
Tetrachloroethene (PCE)	1.46	0.0368	1.473	0	99.4	71.1	122				
Dibromochloromethane	1.39	0.0368	1.473	0	94.6	65.9	126				
1,2-Dibromoethane (EDB)	1.47	0.00736	1.473	0	100	72	119				
Chlorobenzene	1.49	0.0368	1.473	0	101	81.4	116				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006287-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199479**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1.41	0.0368	1.473	0	96.0	72.9	125				
Ethylbenzene	1.54	0.0368	1.473	0	105	77.1	120				
m,p-Xylene	3.09	0.0736	2.946	0	105	76.3	120				
o-Xylene	1.55	0.0368	1.473	0	105	76.6	119				
Styrene	1.54	0.0368	1.473	0	104	75.1	121				
Isopropylbenzene	1.52	0.0368	1.473	0	103	74.8	122				
Bromoform	1.28	0.0736	1.473	0	87.2	63.4	133				
1,1,2,2-Tetrachloroethane	0.668	0.0295	1.473	0	45.4	61	128				S
n-Propylbenzene	1.56	0.0368	1.473	0	106	73	128				
Bromobenzene	1.45	0.0295	1.473	0	98.5	77	120				
1,3,5-Trimethylbenzene	1.34	0.0368	1.473	0	90.9	72.1	126				
2-Chlorotoluene	1.54	0.0368	1.473	0	105	71.4	126				
4-Chlorotoluene	1.51	0.0368	1.473	0	103	73.6	124				
tert-Butylbenzene	1.48	0.0368	1.473	0	100	70.7	126				
1,2,3-Trichloropropane	1.40	0.0368	1.473	0	95.1	65.7	132				
1,2,4-Trichlorobenzene	1.36	0.0368	1.473	0	92.2	70.5	130				
sec-Butylbenzene	1.51	0.0736	1.473	0	102	68.8	129				
4-Isopropyltoluene	1.45	0.0736	1.473	0	98.1	69.2	128				
1,3-Dichlorobenzene	1.52	0.0295	1.473	0	103	83.8	121				
1,4-Dichlorobenzene	1.51	0.0295	1.473	0	102	85.7	117				
n-Butylbenzene	1.50	0.0368	1.473	0	102	67.4	133				
1,2-Dichlorobenzene	1.47	0.0295	1.473	0	100	81.8	120				
1,2-Dibromo-3-chloropropane	1.45	0.736	1.473	0	98.5	56.9	139				
1,2,4-Trimethylbenzene	1.29	0.0295	1.473	0	87.4	70.9	127				
Hexachloro-1,3-butadiene	1.58	0.0736	1.473	0	107	61.1	140				
Naphthalene	1.46	0.0736	1.473	0	99.1	63.3	143				
1,2,3-Trichlorobenzene	1.42	0.0295	1.473	0	96.7	67.8	132				
Surr: Dibromofluoromethane	1.93		1.841		105	83.3	111				
Surr: Toluene-d8	1.91		1.841		104	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.82		1.841		99.1	85.1	111				

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006287-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199479**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: **2006287-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199480**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.853	0.0295	1.473	0	57.9	5.73	173	0.9427	10.0	30	
Chloromethane	1.24	0.0736	1.473	0	84.4	41.3	150	1.295	4.01	30	
Vinyl chloride	1.27	0.0368	1.473	0	86.1	49.5	138	1.315	3.58	30	
Bromomethane	1.53	0.0736	1.473	0	104	48.5	158	1.708	10.7	30	
Trichlorofluoromethane (CFC-11)	1.31	0.0295	1.473	0	89.1	40.6	159	1.381	5.06	30	
Chloroethane	1.51	0.0736	1.473	0	102	30.4	166	1.551	2.80	30	
1,1-Dichloroethene	1.37	0.0295	1.473	0	93.3	55	138	1.444	4.98	30	
Methylene chloride	1.53	0.0295	1.473	0	104	70.3	123	1.563	1.86	30	
trans-1,2-Dichloroethene	1.45	0.0295	1.473	0	98.7	73.1	121	1.512	3.92	30	
Methyl tert-butyl ether (MTBE)	1.38	0.0736	1.473	0	93.9	69.6	122	1.412	2.06	30	
1,1-Dichloroethane	1.50	0.0295	1.473	0	102	70.8	122	1.576	4.88	30	
cis-1,2-Dichloroethene	1.50	0.0295	1.473	0	102	71.8	122	1.545	2.72	30	
Chloroform	1.53	0.0295	1.473	0	104	72.9	122	1.570	2.29	30	
1,1,1-Trichloroethane (TCA)	1.43	0.0368	1.473	0	97.4	69.6	125	1.499	4.37	30	
1,1-Dichloropropene	1.43	0.0295	1.473	0	97.1	69.3	126	1.511	5.44	30	
Carbon tetrachloride	1.39	0.0736	1.473	0	94.1	65	127	1.435	3.46	30	
1,2-Dichloroethane (EDC)	1.53	0.0295	1.473	0	104	70.1	121	1.555	1.74	30	
Benzene	1.48	0.0295	1.473	0	100	76.7	119	1.522	2.91	30	
Trichloroethene (TCE)	2.10	0.0295	1.473	0	142	70.1	129	2.119	1.01	30	S
1,2-Dichloropropane	1.50	0.0295	1.473	0	102	74.6	120	1.501	0.101	30	
Bromodichloromethane	1.46	0.0295	1.473	0	98.8	70.9	122	1.499	3.00	30	
Dibromomethane	1.49	0.0295	1.473	0	101	75.6	120	1.530	2.97	30	
cis-1,3-Dichloropropene	1.44	0.0295	1.473	0	98.0	68.3	120	1.477	2.30	30	
Toluene	1.48	0.0295	1.473	0	101	74.7	119	1.537	3.76	30	

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006287-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199480**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	1.40	0.0295	1.473	0	95.3	62.2	127	1.414	0.759	30	
1,1,2-Trichloroethane	1.44	0.0295	1.473	0	97.9	72.9	120	1.460	1.16	30	
1,3-Dichloropropane	1.47	0.0368	1.473	0	99.5	71.9	119	1.480	1.04	30	
Tetrachloroethene (PCE)	1.39	0.0368	1.473	0	94.6	71.1	122	1.464	4.97	30	
Dibromochloromethane	1.39	0.0368	1.473	0	94.3	65.9	126	1.394	0.377	30	
1,2-Dibromoethane (EDB)	1.45	0.00736	1.473	0	98.4	72	119	1.474	1.61	30	
Chlorobenzene	1.47	0.0368	1.473	0	99.9	81.4	116	1.491	1.34	30	
1,1,1,2-Tetrachloroethane	1.38	0.0368	1.473	0	93.8	72.9	125	1.415	2.32	30	
Ethylbenzene	1.50	0.0368	1.473	0	102	77.1	120	1.543	2.96	30	
m,p-Xylene	2.99	0.0736	2.946	0	102	76.3	120	3.091	3.22	30	
o-Xylene	1.50	0.0368	1.473	0	102	76.6	119	1.552	3.68	30	
Styrene	1.50	0.0368	1.473	0	102	75.1	121	1.536	2.60	30	
Isopropylbenzene	1.47	0.0368	1.473	0	99.8	74.8	122	1.521	3.36	30	
Bromoform	1.30	0.0736	1.473	0	88.1	63.4	133	1.284	1.05	30	
1,1,2,2-Tetrachloroethane	0.632	0.0295	1.473	0	42.9	61	128	0.6684	5.59	30	S
n-Propylbenzene	1.51	0.0368	1.473	0	102	73	128	1.559	3.46	30	
Bromobenzene	1.45	0.0295	1.473	0	98.1	77	120	1.451	0.355	30	
1,3,5-Trimethylbenzene	1.31	0.0368	1.473	0	88.8	72.1	126	1.340	2.39	30	
2-Chlorotoluene	1.50	0.0368	1.473	0	102	71.4	126	1.544	2.95	30	
4-Chlorotoluene	1.47	0.0368	1.473	0	99.8	73.6	124	1.512	2.81	30	
tert-Butylbenzene	1.43	0.0368	1.473	0	97.1	70.7	126	1.476	3.14	30	
1,2,3-Trichloropropane	1.40	0.0368	1.473	0	94.9	65.7	132	1.401	0.240	30	
1,2,4-Trichlorobenzene	1.39	0.0368	1.473	0	94.5	70.5	130	1.358	2.47	30	
sec-Butylbenzene	1.46	0.0736	1.473	0	99.2	68.8	129	1.507	3.12	30	
4-Isopropyltoluene	1.42	0.0736	1.473	0	96.4	69.2	128	1.445	1.74	30	
1,3-Dichlorobenzene	1.54	0.0295	1.473	0	104	83.8	121	1.522	0.945	30	
1,4-Dichlorobenzene	1.51	0.0295	1.473	0	102	85.7	117	1.509	0.175	30	
n-Butylbenzene	1.51	0.0368	1.473	0	102	67.4	133	1.504	0.111	30	
1,2-Dichlorobenzene	1.52	0.0295	1.473	0	103	81.8	120	1.473	3.04	30	
1,2-Dibromo-3-chloropropane	1.48	0.736	1.473	0	100	56.9	139	1.450	1.93	30	
1,2,4-Trimethylbenzene	1.25	0.0295	1.473	0	85.2	70.9	127	1.288	2.59	30	

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006287-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/17/2020** SeqNo: **1199480**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	1.58	0.0736	1.473	0	107	61.1	140	1.582	0.0515	30	
Naphthalene	1.48	0.0736	1.473	0	101	63.3	143	1.459	1.59	30	
1,2,3-Trichlorobenzene	1.47	0.0295	1.473	0	99.6	67.8	132	1.425	2.98	30	
Surr: Dibromofluoromethane	1.89		1.841		103	83.3	111		0		
Surr: Toluene-d8	1.89		1.841		103	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.78		1.841		96.6	85.1	111		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: **2006288-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/18/2020** SeqNo: **1199487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0932						0		30	D
Chloromethane	ND	0.233						0		30	D
Vinyl chloride	ND	0.116						0		30	D
Bromomethane	ND	0.233						0		30	D
Trichlorofluoromethane (CFC-11)	ND	0.0932						0		30	D
Chloroethane	ND	0.233						0		30	D
1,1-Dichloroethene	ND	0.0932						0		30	D
Methylene chloride	ND	0.0932						0		30	D
trans-1,2-Dichloroethene	ND	0.0932						0		30	D
Methyl tert-butyl ether (MTBE)	ND	0.233						0		30	D
1,1-Dichloroethane	ND	0.0932						0		30	D
cis-1,2-Dichloroethene	ND	0.0932						0		30	D
Chloroform	ND	0.0932						0		30	D
1,1,1-Trichloroethane (TCA)	ND	0.116						0		30	D
1,1-Dichloropropene	ND	0.0932						0		30	D
Carbon tetrachloride	ND	0.233						0		30	D
1,2-Dichloroethane (EDC)	ND	0.0932						0		30	D
Benzene	ND	0.0932						0		30	D

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006288-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/18/2020** SeqNo: **1199487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0932						0		30	D
1,2-Dichloropropane	ND	0.0932						0		30	D
Bromodichloromethane	ND	0.0932						0		30	D
Dibromomethane	ND	0.0932						0		30	D
cis-1,3-Dichloropropene	ND	0.0932						0		30	D
Toluene	2.77	0.0932						2.772	0.146	30	D
trans-1,3-Dichloropropylene	ND	0.0932						0		30	D
1,1,2-Trichloroethane	ND	0.0932						0		30	D
1,3-Dichloropropane	ND	0.116						0		30	D
Tetrachloroethene (PCE)	ND	0.116						0		30	D
Dibromochloromethane	ND	0.116						0		30	D
1,2-Dibromoethane (EDB)	ND	0.0233						0		30	D
Chlorobenzene	ND	0.116						0		30	D
1,1,1,2-Tetrachloroethane	ND	0.116						0		30	D
Ethylbenzene	2.55	0.116						2.577	1.14	30	D
m,p-Xylene	11.7	0.233						11.80	0.581	30	D
o-Xylene	4.32	0.116						4.375	1.19	30	D
Styrene	ND	0.116						0		30	D
Isopropylbenzene	0.224	0.116						0.2369	5.81	30	D
Bromoform	ND	0.233						0		30	D
1,1,2,2-Tetrachloroethane	ND	0.0932						0		30	D
n-Propylbenzene	1.24	0.116						1.248	0.823	30	D
Bromobenzene	ND	0.0932						0		30	D
1,3,5-Trimethylbenzene	2.86	0.116						2.807	1.89	30	D
2-Chlorotoluene	ND	0.116						0		30	D
4-Chlorotoluene	ND	0.116						0		30	D
tert-Butylbenzene	ND	0.116						0		30	D
1,2,3-Trichloropropane	ND	0.116						0		30	D
1,2,4-Trichlorobenzene	ND	0.116						0		30	D
sec-Butylbenzene	ND	0.233						0		30	D
4-Isopropyltoluene	ND	0.233						0		30	D

Work Order: 2005191
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006288-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/17/2020** RunNo: **59926**
Client ID: **BATCH** Batch ID: **28703** Analysis Date: **6/18/2020** SeqNo: **1199487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.0932						0		30	D
1,4-Dichlorobenzene	ND	0.0932						0		30	D
n-Butylbenzene	1.24	0.116						1.223	1.72	30	D
1,2-Dichlorobenzene	ND	0.0932						0		30	D
1,2-Dibromo-3-chloropropane	ND	2.33						0		30	D
1,2,4-Trimethylbenzene	8.06	0.0932						7.815	3.04	30	D
Hexachloro-1,3-butadiene	ND	0.233						0		30	D
Naphthalene	1.35	0.233						1.354	0.0325	30	D
1,2,3-Trichlorobenzene	ND	0.0932						0		30	D
Surr: Dibromofluoromethane	5.86		5.823		101	83.3	111		0		D
Surr: Toluene-d8	5.92		5.823		102	87.9	111		0		D
Surr: 1-Bromo-4-fluorobenzene	5.84		5.823		100	85.1	111		0		D

NOTES:
Diluted due to matrix.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005191**
Logged by:	**Carissa True**	Date Received:	**5/15/2020 2:35:00 PM**

Chain of Custody

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

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:	Vance Atkins	Date:	/17/2020
By Whom:	Brianna Barnes	Via:	☑ eMail ☑ Phone ☐ Fax ☐ In Person
Regarding:	Hold times expired for additional analysis re uested /17. V As need to be extracted		
Client Instructions:	Proceed		

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	0.1
Sample 1	4.4

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 5/15/2022 | Page: | of:

Laboratory Project No (internal): 2005191

Project Name: F209

Special Remarks:

Client: CGL

Project No: 8021

Address:

Collected by: DL

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): Vance

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-Stockpile-west-1	5/15/22	1320	S					X									
2	209-Stockpile-east-1	↓	1325	↓					X									
3	209-Stockpile-east-2	↓	1325	↓					X									
4	209-Stockpile-west-2	↓	1340	↓					X									
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/15/2022 1415	x [signature]	5/15/22 1435
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 5/15/2020 Page: of:

Project Name: F20x

Project No: 8021

Collected by: DL

Location: FL209

Report To (PM): Vance

PM Email:

Laboratory Project No (internal): 2005191

Special Remarks:
X - ASAP add on per V.A. 6/17/20 -BB

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: CHL

Address:

City, State, Zip:

Telephone:

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-Stockpile-west-1	5/15/20	1320	S	X				X		X		X				
2 209-Stockpile-east-1	↓	1325	↓	X				X		X		X				
3 209-Stockpile-east-2	↓	1325	↓	X				X		X		X				
4 209-Stockpile-west2	↓	1340	↓	X				X		X		X				
5																
6																
7																
8																
9																
10																

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/15/2020 1415	x	5/15/20 1435
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

3600 Fremont Ave. N.
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info@fremontanalytical.com

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2005261

May 22, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 1 sample(s) on 5/20/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *05/22/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2005261

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2005261-001	209-PEX-48-15	05/20/2020 3:00 PM	05/20/2020 4:53 PM

Case Narrative

WO#: **2005261**
Date: **5/22/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2005261**
Date Reported: **5/22/2020**

Client: O'Neill Service Group
Collection Date: 5/20/2020 3:00:00 PM
Project: F200
Lab ID: 2005261-001
Matrix: Soil
Client Sample ID: **209-PEX-48-15**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28403		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	5/21/2020 11:47:27 PM
Heavy Oil	ND	52.0		mg/Kg-dry	1	5/21/2020 11:47:27 PM
Surr: 2-Fluorobiphenyl	82.1	50 - 150		%Rec	1	5/21/2020 11:47:27 PM
Surr: o-Terphenyl	85.4	50 - 150		%Rec	1	5/21/2020 11:47:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R59292		Analyst: CJ
Percent Moisture	8.36	0.500		wt%	1	5/21/2020 8:55:29 AM

Work Order: 2005261
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28403**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/21/2020**	RunNo: **59334**
Client ID: **MBLKS**	Batch ID: **28403**		Analysis Date: **5/21/2020**	SeqNo: **1186030**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.0		20.00		79.8	50	150				
Surr: o-Terphenyl	16.7		20.00		83.6	50	150				

Sample ID: **LCS-28403**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/21/2020**	RunNo: **59334**
Client ID: **LCSS**	Batch ID: **28403**		Analysis Date: **5/21/2020**	SeqNo: **1186031**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	460	20.0	500.0	0	92.1	65	135				
Surr: 2-Fluorobiphenyl	16.7		20.00		83.6	50	150				
Surr: o-Terphenyl	17.5		20.00		87.7	50	150				

Sample ID: **2005257-003ADUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **5/21/2020**	RunNo: **59334**
Client ID: **BATCH**	Batch ID: **28403**		Analysis Date: **5/22/2020**	SeqNo: **1186040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	18.8						0		30	
Heavy Oil	ND	47.1						0		30	
Surr: 2-Fluorobiphenyl	16.6		18.83		88.2	50	150		0		
Surr: o-Terphenyl	17.2		18.83		91.3	50	150		0		

Sample ID: **2005257-003AMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **5/21/2020**	RunNo: **59334**
Client ID: **BATCH**	Batch ID: **28403**		Analysis Date: **5/22/2020**	SeqNo: **1186041**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	383	19.0	474.4	0	80.7	65	135				
Surr: 2-Fluorobiphenyl	19.3		18.98		102	50	150				

Work Order: 2005261
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: 2005257-003AMS	SampType: MS			Units: mg/Kg		Prep Date: 5/21/2020			RunNo: 59334	
Client ID: BATCH	Batch ID: 28403					Analysis Date: 5/22/2020			SeqNo: 1186041	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	18.4		18.98		97.2	50	150				

Sample ID: 2005257-003AMSD	SampType: MSD			Units: mg/Kg		Prep Date: 5/21/2020			RunNo: 59334	
Client ID: BATCH	Batch ID: 28403					Analysis Date: 5/22/2020			SeqNo: 1186042	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	393	17.0	424.8	0	92.4	65	135	382.9	2.52	30	
Surr: 2-Fluorobiphenyl	15.5		16.99		91.4	50	150		0		
Surr: o-Terphenyl	16.4		16.99		96.3	50	150		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2005261**
Logged by:	**Carissa True**	Date Received:	**5/20/2020 4:53:00 PM**

Chain of Custody

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

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 Required ☑
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:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
COoler 1	1.8
Sample 1	3.6

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
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Chain of Custody Record & Laboratory Services Agreement

Date: 5/20/20 Page: 1 of: 1

Laboratory Project No (internal): 2005261

Project Name: F209

Project No: 2021

Collected by: ATKins

Location: F209

Report To (PM): ATKins

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: DSG

Address:

City, State, Zip:

Telephone:

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PS-48-15	5/20/20	1500	S					X										
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	5/20/20 1650	x	5/20/20 1653
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ ~~Next Day~~
- Same Day _____ (specify)

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Seattle, WA 98103
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info@fremontanalytical.com

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2006122

June 16, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 3 sample(s) on 6/8/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Mercury by EPA Method 7471
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B
Volatile Organic Compounds by EPA Method 8260D

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

Date: *06/16/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2006122

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2006122-001	209-StockPile-West3	06/08/2020 11:35 AM	06/08/2020 1:38 PM
2006122-002	209-StockPile-East3	06/08/2020 11:36 AM	06/08/2020 1:38 PM
2006122-003	209-StockPile-East4	06/08/2020 11:37 AM	06/08/2020 1:38 PM

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

Case Narrative

WO#: **2006122**
Date: **6/16/2020**

CLIENT: O'Neill Service Group
Project: F200

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.

6/16/2020: Revision 1 includes additional analysis requested by client.

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:35:00 AM
Project: F200
Lab ID: 2006122-001
Matrix: Soil
Client Sample ID: **209-StockPile-West3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28624		Analyst: DW
Diesel (Fuel Oil)	42.4	19.0		mg/Kg-dry	1	6/11/2020 5:05:46 PM
Heavy Oil	ND	47.4		mg/Kg-dry	1	6/11/2020 5:05:46 PM
Surr: 2-Fluorobiphenyl	83.6	50 - 150		%Rec	1	6/11/2020 5:05:46 PM
Surr: o-Terphenyl	91.5	50 - 150		%Rec	1	6/11/2020 5:05:46 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28663		Analyst: SB
Naphthalene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
2-Methylnaphthalene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
1-Methylnaphthalene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Acenaphthylene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Acenaphthene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Fluorene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Phenanthrene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Anthracene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Fluoranthene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Pyrene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Benz(a)anthracene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Chrysene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Benzo(b)fluoranthene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Benzo(k)fluoranthene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Benzo(a)pyrene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Indeno(1,2,3-cd)pyrene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Dibenz(a,h)anthracene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Benzo(g,h,i)perylene	ND	42.4		µg/Kg-dry	1	6/16/2020 12:55:35 PM
Surr: 2-Fluorobiphenyl	74.8	6.91 - 127		%Rec	1	6/16/2020 12:55:35 PM
Surr: Terphenyl-d14 (surr)	131	32.9 - 153		%Rec	1	6/16/2020 12:55:35 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28665		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Chloromethane	ND	0.0533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Vinyl chloride	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Bromomethane	ND	0.0533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Trichlorofluoromethane (CFC-11)	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Chloroethane	ND	0.0533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Methylene chloride	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:35:00 AM
Project: F200
Lab ID: 2006122-001
Matrix: Soil
Client Sample ID: **209-StockPile-West3**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28665 Analyst: CR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Chloroform	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1,1-Trichloroethane (TCA)	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1-Dichloropropene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Carbon tetrachloride	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2-Dichloroethane (EDC)	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2-Dichloropropane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Bromodichloromethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Dibromomethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
cis-1,3-Dichloropropene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,3-Dichloropropane	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Tetrachloroethene (PCE)	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Dibromochloromethane	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2-Dibromoethane (EDB)	ND	0.00533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Chlorobenzene	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1,1,2-Tetrachloroethane	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Bromoform	ND	0.0533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,1,2,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
2-Chlorotoluene	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
4-Chlorotoluene	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2,3-Trichloropropane	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2,4-Trichlorobenzene	ND	0.0266		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,3-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,4-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2-Dibromo-3-chloropropane	ND	0.533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Hexachloro-1,3-butadiene	ND	0.0533		mg/Kg-dry	1	6/15/2020 6:56:21 PM
1,2,3-Trichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 6:56:21 PM
Surr: Dibromofluoromethane	97.6	83.3 - 111		%Rec	1	6/15/2020 6:56:21 PM
Surr: Toluene-d8	97.0	87.9 - 111		%Rec	1	6/15/2020 6:56:21 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	85.1 - 111		%Rec	1	6/15/2020 6:56:21 PM

Analytical Report

Work Order: **2006122**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:35:00 AM
Project: F200
Lab ID: 2006122-001
Matrix: Soil
Client Sample ID: **209-StockPile-West3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Mercury by EPA Method 7471				Batch ID: 28662		Analyst: TN
Mercury	ND	0.265		mg/Kg-dry	1	6/15/2020 3:13:17 PM
Total Metals by EPA Method 6020B				Batch ID: 28660		Analyst: CO
Arsenic	3.66	0.214		mg/Kg-dry	1	6/15/2020 4:26:28 PM
Cadmium	ND	0.171		mg/Kg-dry	1	6/15/2020 4:26:28 PM
Chromium	23.5	0.0857		mg/Kg-dry	1	6/15/2020 4:26:28 PM
Lead	8.84	0.171		mg/Kg-dry	1	6/15/2020 4:26:28 PM
Sample Moisture (Percent Moisture)				Batch ID: R59752		Analyst: CG
Percent Moisture	7.41	0.500		wt%	1	6/11/2020 10:00:04 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:36:00 AM
Project: F200
Lab ID: 2006122-002
Matrix: Soil
Client Sample ID: **209-StockPile-East3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28624		Analyst: DW
Diesel (Fuel Oil)	68.0	19.8		mg/Kg-dry	1	6/11/2020 6:05:52 PM
Heavy Oil	232	49.5		mg/Kg-dry	1	6/11/2020 6:05:52 PM
Surr: 2-Fluorobiphenyl	79.9	50 - 150		%Rec	1	6/11/2020 6:05:52 PM
Surr: o-Terphenyl	88.5	50 - 150		%Rec	1	6/11/2020 6:05:52 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28663		Analyst: SB
Naphthalene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
2-Methylnaphthalene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
1-Methylnaphthalene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Acenaphthylene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Acenaphthene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Fluorene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Phenanthrene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Anthracene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Fluoranthene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Pyrene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Benz(a)anthracene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Chrysene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Benzo(b)fluoranthene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Benzo(k)fluoranthene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Benzo(a)pyrene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Indeno(1,2,3-cd)pyrene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Dibenz(a,h)anthracene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Benzo(g,h,i)perylene	ND	38.0		µg/Kg-dry	1	6/16/2020 2:21:08 PM
Surr: 2-Fluorobiphenyl	104	6.91 - 127		%Rec	1	6/16/2020 2:21:08 PM
Surr: Terphenyl-d14 (surr)	162	32.9 - 153	S	%Rec	1	6/16/2020 2:21:08 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias). Sample is non-detect; no further action required.

Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28665		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Chloromethane	ND	0.0508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Vinyl chloride	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Bromomethane	ND	0.0508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Trichlorofluoromethane (CFC-11)	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Chloroethane	ND	0.0508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1-Dichloroethene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:36:00 AM
Project: F200
Lab ID: 2006122-002
Matrix: Soil
Client Sample ID: **209-StockPile-East3**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28665 Analyst: CR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
trans-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1-Dichloroethane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
cis-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Chloroform	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1,1-Trichloroethane (TCA)	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1-Dichloropropene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Carbon tetrachloride	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2-Dichloroethane (EDC)	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Trichloroethene (TCE)	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2-Dichloropropane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Bromodichloromethane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Dibromomethane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
cis-1,3-Dichloropropene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
trans-1,3-Dichloropropylene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1,2-Trichloroethane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,3-Dichloropropane	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Tetrachloroethene (PCE)	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Dibromochloromethane	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2-Dibromoethane (EDB)	ND	0.00508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Chlorobenzene	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1,1,2-Tetrachloroethane	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Bromoform	ND	0.0508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,1,2,2-Tetrachloroethane	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Bromobenzene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
2-Chlorotoluene	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
4-Chlorotoluene	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2,3-Trichloropropane	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2,4-Trichlorobenzene	ND	0.0254		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,3-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,4-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2-Dichlorobenzene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2-Dibromo-3-chloropropane	ND	0.508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Hexachloro-1,3-butadiene	ND	0.0508		mg/Kg-dry	1	6/15/2020 7:56:50 PM
1,2,3-Trichlorobenzene	ND	0.0203		mg/Kg-dry	1	6/15/2020 7:56:50 PM
Surr: Dibromofluoromethane	97.8	83.3 - 111		%Rec	1	6/15/2020 7:56:50 PM
Surr: Toluene-d8	98.7	87.9 - 111		%Rec	1	6/15/2020 7:56:50 PM
Surr: 1-Bromo-4-fluorobenzene	99.6	85.1 - 111		%Rec	1	6/15/2020 7:56:50 PM

Analytical Report

Work Order: **2006122**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:36:00 AM
Project: F200
Lab ID: 2006122-002
Matrix: Soil
Client Sample ID: **209-StockPile-East3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Mercury by EPA Method 7471				Batch ID: 28662		Analyst: TN
Mercury	ND	0.225		mg/Kg-dry	1	6/15/2020 3:19:46 PM
Total Metals by EPA Method 6020B				Batch ID: 28660		Analyst: CO
Arsenic	4.68	0.192		mg/Kg-dry	1	6/15/2020 4:32:02 PM
Cadmium	0.207	0.154		mg/Kg-dry	1	6/15/2020 4:32:02 PM
Chromium	26.7	0.0770		mg/Kg-dry	1	6/15/2020 4:32:02 PM
Lead	8.49	0.154		mg/Kg-dry	1	6/15/2020 4:32:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R59752		Analyst: CG
Percent Moisture	2.32	0.500		wt%	1	6/11/2020 10:00:04 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:37:00 AM
Project: F200
Lab ID: 2006122-003
Matrix: Soil
Client Sample ID: **209-StockPile-East4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28624		Analyst: DW
Diesel (Fuel Oil)	369	18.1		mg/Kg-dry	1	6/11/2020 6:35:50 PM
Heavy Oil	148	45.3		mg/Kg-dry	1	6/11/2020 6:35:50 PM
Surr: 2-Fluorobiphenyl	83.9	50 - 150		%Rec	1	6/11/2020 6:35:50 PM
Surr: o-Terphenyl	95.0	50 - 150		%Rec	1	6/11/2020 6:35:50 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28663		Analyst: SB
Naphthalene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
2-Methylnaphthalene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
1-Methylnaphthalene	41.2	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Acenaphthylene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Acenaphthene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Fluorene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Phenanthrene	98.2	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Anthracene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Fluoranthene	108	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Pyrene	129	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Benz(a)anthracene	49.8	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Chrysene	70.2	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Benzo(b)fluoranthene	55.9	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Benzo(k)fluoranthene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Benzo(a)pyrene	53.0	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Indeno(1,2,3-cd)pyrene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Dibenz(a,h)anthracene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Benzo(g,h,i)perylene	ND	41.2		µg/Kg-dry	1	6/16/2020 2:42:38 PM
Surr: 2-Fluorobiphenyl	106	6.91 - 127		%Rec	1	6/16/2020 2:42:38 PM
Surr: Terphenyl-d14 (surr)	149	32.9 - 153		%Rec	1	6/16/2020 2:42:38 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28665		Analyst: CR
Dichlorodifluoromethane (CFC-12)	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Chloromethane	ND	0.0534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Vinyl chloride	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Bromomethane	ND	0.0534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Trichlorofluoromethane (CFC-11)	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Chloroethane	ND	0.0534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Methylene chloride	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:37:00 AM
Project: F200
Lab ID: 2006122-003
Matrix: Soil
Client Sample ID: **209-StockPile-East4**

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 28665 Analyst: CR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Chloroform	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1,1-Trichloroethane (TCA)	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1-Dichloropropene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Carbon tetrachloride	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2-Dichloroethane (EDC)	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2-Dichloropropane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Bromodichloromethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Dibromomethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
cis-1,3-Dichloropropene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
trans-1,3-Dichloropropylene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1,2-Trichloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,3-Dichloropropane	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Tetrachloroethene (PCE)	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Dibromochloromethane	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2-Dibromoethane (EDB)	ND	0.00534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Chlorobenzene	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1,1,2-Tetrachloroethane	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Bromoform	ND	0.0534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,1,2,2-Tetrachloroethane	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Bromobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
2-Chlorotoluene	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
4-Chlorotoluene	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2,3-Trichloropropane	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2,4-Trichlorobenzene	ND	0.0267		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,3-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,4-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2-Dichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2-Dibromo-3-chloropropane	ND	0.534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Hexachloro-1,3-butadiene	ND	0.0534		mg/Kg-dry	1	6/15/2020 8:27:01 PM
1,2,3-Trichlorobenzene	ND	0.0213		mg/Kg-dry	1	6/15/2020 8:27:01 PM
Surr: Dibromofluoromethane	91.7	83.3 - 111		%Rec	1	6/15/2020 8:27:01 PM
Surr: Toluene-d8	98.4	87.9 - 111		%Rec	1	6/15/2020 8:27:01 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	85.1 - 111		%Rec	1	6/15/2020 8:27:01 PM

Analytical Report

Work Order: **2006122**
Date Reported: **6/16/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:37:00 AM
Project: F200
Lab ID: 2006122-003
Matrix: Soil
Client Sample ID: **209-StockPile-East4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Mercury by EPA Method 7471				Batch ID: 28662		Analyst: TN
Mercury	0.494	0.262		mg/Kg-dry	1	6/15/2020 3:21:23 PM
Total Metals by EPA Method 6020B				Batch ID: 28660		Analyst: CO
Arsenic	3.99	0.198		mg/Kg-dry	1	6/15/2020 4:37:36 PM
Cadmium	ND	0.158		mg/Kg-dry	1	6/15/2020 4:37:36 PM
Chromium	23.1	0.0790		mg/Kg-dry	1	6/15/2020 4:37:36 PM
Lead	12.2	0.158		mg/Kg-dry	1	6/15/2020 4:37:36 PM
Sample Moisture (Percent Moisture)				Batch ID: R59752		Analyst: CG
Percent Moisture	6.29	0.500		wt%	1	6/11/2020 10:00:04 AM

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28624**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/11/2020**	RunNo: **59769**
Client ID: **MBLKS**	Batch ID: **28624**		Analysis Date: **6/11/2020**	SeqNo: **1196034**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.4		20.00		81.8	50	150				
Surr: o-Terphenyl	17.8		20.00		88.8	50	150				

Sample ID: **LCS-28624**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/11/2020**	RunNo: **59769**
Client ID: **LCSS**	Batch ID: **28624**		Analysis Date: **6/11/2020**	SeqNo: **1196035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	464	20.0	500.0	0	92.7	65	135				
Surr: 2-Fluorobiphenyl	17.7		20.00		88.4	50	150				
Surr: o-Terphenyl	18.7		20.00		93.6	50	150				

Sample ID: **2006184-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/11/2020**	RunNo: **59769**
Client ID: **BATCH**	Batch ID: **28624**		Analysis Date: **6/11/2020**	SeqNo: **1196038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,840	24.6						1,602	14.1	30	
Heavy Oil	ND	61.5						0		30	
Surr: 2-Fluorobiphenyl	25.3		24.58		103	50	150		0		
Surr: o-Terphenyl	24.9		24.58		101	50	150		0		

Sample ID: **2006184-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/11/2020**	RunNo: **59769**
Client ID: **BATCH**	Batch ID: **28624**		Analysis Date: **6/11/2020**	SeqNo: **1196114**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	3,260	23.2	581.2	1,602	285	65	135				S
Surr: 2-Fluorobiphenyl	27.0		23.25		116	50	150				
Surr: o-Terphenyl	24.8		23.25		107	50	150				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2006184-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/11/2020** RunNo: **59769**
Client ID: **BATCH** Batch ID: **28624** Analysis Date: **6/11/2020** SeqNo: **1196114**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2006184-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/11/2020** RunNo: **59769**
Client ID: **BATCH** Batch ID: **28624** Analysis Date: **6/11/2020** SeqNo: **1196115**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,100	22.9	571.4	1,602	87.8	65	135	3,257	43.0	30	R
Surr: 2-Fluorobiphenyl	27.2		22.86		119	50	150		0		
Surr: o-Terphenyl	22.2		22.86		97.0	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity.

Sample ID: **2006122-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/11/2020** RunNo: **59769**
Client ID: **209-StockPile-West3** Batch ID: **28624** Analysis Date: **6/11/2020** SeqNo: **1196302**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	53.9	19.2						42.36	24.0	30	
Heavy Oil	ND	48.1						0		30	
Surr: 2-Fluorobiphenyl	17.9		19.23		93.1	50	150		0		
Surr: o-Terphenyl	19.0		19.23		99.0	50	150		0		

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Mercury by EPA Method 7471

Sample ID: **MB-28662**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **6/15/2020**		RunNo: **59833**			
Client ID: **MBLKS**	Batch ID: **28662**					Analysis Date: **6/15/2020**		SeqNo: **1197479**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.227									

Sample ID: **LCS-28662**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **6/15/2020**		RunNo: **59833**			
Client ID: **LCSS**	Batch ID: **28662**					Analysis Date: **6/15/2020**		SeqNo: **1197480**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.458	0.236	0.4717	0	97.2	80	120				

Sample ID: **2006122-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **6/15/2020**		RunNo: **59833**			
Client ID: **209-StockPile-West3**	Batch ID: **28662**					Analysis Date: **6/15/2020**		SeqNo: **1197482**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.270						0		20	

Sample ID: **2006122-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **6/15/2020**		RunNo: **59833**			
Client ID: **209-StockPile-West3**	Batch ID: **28662**					Analysis Date: **6/15/2020**		SeqNo: **1197483**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.600	0.265	0.5294	0.1186	91.0	70	130				

Sample ID: **2006122-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **6/15/2020**		RunNo: **59833**			
Client ID: **209-StockPile-West3**	Batch ID: **28662**					Analysis Date: **6/15/2020**		SeqNo: **1197484**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.607	0.255	0.5095	0.1186	95.9	70	130	0.6004	1.14	20	

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-28663** SampType: **MBLK** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **MBLKS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	453		500.0		90.6	6.91	127				
Surr: Terphenyl-d14 (surr)	742		500.0		148	32.9	153				

Sample ID: **LCS-28663** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **LCSS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198226**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	842	40.0	1,000	0	84.2	47.3	136				
2-Methylnaphthalene	831	40.0	1,000	0	83.1	48.6	142				
1-Methylnaphthalene	815	40.0	1,000	0	81.5	51	140				
Acenaphthylene	795	40.0	1,000	0	79.5	47.5	137				
Acenaphthene	857	40.0	1,000	0	85.7	49.1	138				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-28663** SampType: **LCS** Units: **µg/Kg** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **LCSS** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198226**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	856	40.0	1,000	0	85.6	49.3	137				
Phenanthrene	781	40.0	1,000	0	78.1	45.5	139				
Anthracene	1,040	40.0	1,000	0	104	44	139				
Fluoranthene	853	40.0	1,000	0	85.3	48.7	144				
Pyrene	885	40.0	1,000	0	88.5	47.9	143				
Benz(a)anthracene	753	40.0	1,000	0	75.3	49.8	143				
Chrysene	917	40.0	1,000	0	91.7	47.1	144				
Benzo(b)fluoranthene	696	40.0	1,000	0	69.6	44.6	150				
Benzo(k)fluoranthene	933	40.0	1,000	0	93.3	47.5	148				
Benzo(a)pyrene	767	40.0	1,000	0	76.7	45	149				
Indeno(1,2,3-cd)pyrene	826	40.0	1,000	0	82.6	41.4	146				
Dibenz(a,h)anthracene	830	40.0	1,000	0	83.0	43.4	145				
Benzo(g,h,i)perylene	814	40.0	1,000	0	81.4	42.7	144				
Surr: 2-Fluorobiphenyl	534		500.0		107	6.91	127				
Surr: Terphenyl-d14 (surr)	697		500.0		139	32.9	153				

Sample ID: **2006122-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **209-StockPile-West3** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198228**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	41.6						0		30	
2-Methylnaphthalene	ND	41.6						0		30	
1-Methylnaphthalene	ND	41.6						0		30	
Acenaphthylene	ND	41.6						0		30	
Acenaphthene	ND	41.6						0		30	
Fluorene	ND	41.6						0		30	
Phenanthrene	ND	41.6						0		30	
Anthracene	ND	41.6						0		30	
Fluoranthene	ND	41.6						0		30	
Pyrene	ND	41.6						0		30	

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **209-StockPile-West3** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198228**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	ND	41.6						0		30	
Chrysene	ND	41.6						0		30	
Benzo(b)fluoranthene	ND	41.6						0		30	
Benzo(k)fluoranthene	ND	41.6						0		30	
Benzo(a)pyrene	ND	41.6						0		30	
Indeno(1,2,3-cd)pyrene	ND	41.6						0		30	
Dibenz(a,h)anthracene	ND	41.6						0		30	
Benzo(g,h,i)perylene	ND	41.6						0		30	
Surr: 2-Fluorobiphenyl	442		519.8		84.9	6.91	127		0		
Surr: Terphenyl-d14 (surr)	768		519.8		148	32.9	153		0		

Sample ID: **2006122-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59862**
Client ID: **209-StockPile-West3** Batch ID: **28663** Analysis Date: **6/16/2020** SeqNo: **1198229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	777	42.3	1,057	0	73.5	33	123				
2-Methylnaphthalene	788	42.3	1,057	0	74.6	38.9	128				
1-Methylnaphthalene	765	42.3	1,057	0	72.4	36.2	129				
Acenaphthylene	698	42.3	1,057	0	66.1	39	132				
Acenaphthene	747	42.3	1,057	0	70.7	39.5	124				
Fluorene	724	42.3	1,057	0	68.6	38.5	128				
Phenanthrene	689	42.3	1,057	0	65.2	34.1	130				
Anthracene	734	42.3	1,057	0	69.4	38.8	128				
Fluoranthene	801	42.3	1,057	0	75.8	38.6	136				
Pyrene	826	42.3	1,057	0	78.2	37.8	134				
Benz(a)anthracene	741	42.3	1,057	5.773	69.5	35.9	142				
Chrysene	788	42.3	1,057	0	74.6	36.7	131				
Benzo(b)fluoranthene	794	42.3	1,057	0	75.2	35	141				
Benzo(k)fluoranthene	700	42.3	1,057	0	66.2	35.9	136				
Benzo(a)pyrene	746	42.3	1,057	0	70.6	31.2	142				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001AMS**	SampType: **MS**	Units: **µg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59862**
Client ID: **209-StockPile-West3**	Batch ID: **28663**		Analysis Date: **6/16/2020**	SeqNo: **1198229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	749	42.3	1,057	0	70.8	29.1	133				
Dibenz(a,h)anthracene	743	42.3	1,057	0	70.3	31.3	132				
Benzo(g,h,i)perylene	777	42.3	1,057	4.010	73.2	30.2	128				
Surr: 2-Fluorobiphenyl	544		528.4		103	6.91	127				
Surr: Terphenyl-d14 (surr)	725		528.4		137	32.9	153				

Sample ID: **2006122-001AMSD**	SampType: **MSD**	Units: **µg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59862**
Client ID: **209-StockPile-West3**	Batch ID: **28663**		Analysis Date: **6/16/2020**	SeqNo: **1198230**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	809	43.1	1,077	0	75.1	33	123	776.8	4.06	30	
2-Methylnaphthalene	828	43.1	1,077	0	76.9	38.9	128	788.4	4.95	30	
1-Methylnaphthalene	813	43.1	1,077	0	75.5	36.2	129	765.0	6.05	30	
Acenaphthylene	821	43.1	1,077	0	76.2	39	132	698.5	16.1	30	
Acenaphthene	852	43.1	1,077	0	79.1	39.5	124	746.6	13.2	30	
Fluorene	822	43.1	1,077	0	76.3	38.5	128	724.5	12.6	30	
Phenanthrene	814	43.1	1,077	0	75.6	34.1	130	689.3	16.6	30	
Anthracene	892	43.1	1,077	0	82.8	38.8	128	733.5	19.5	30	
Fluoranthene	917	43.1	1,077	0	85.1	38.6	136	801.0	13.5	30	
Pyrene	943	43.1	1,077	0	87.6	37.8	134	826.0	13.2	30	
Benz(a)anthracene	887	43.1	1,077	5.773	81.8	35.9	142	740.5	18.0	30	
Chrysene	864	43.1	1,077	0	80.3	36.7	131	788.5	9.20	30	
Benzo(b)fluoranthene	868	43.1	1,077	0	80.6	35	141	794.3	8.91	30	
Benzo(k)fluoranthene	885	43.1	1,077	0	82.2	35.9	136	699.6	23.4	30	
Benzo(a)pyrene	853	43.1	1,077	0	79.2	31.2	142	746.0	13.4	30	
Indeno(1,2,3-cd)pyrene	850	43.1	1,077	0	78.9	29.1	133	748.5	12.6	30	
Dibenz(a,h)anthracene	850	43.1	1,077	0	78.9	31.3	132	742.8	13.4	30	
Benzo(g,h,i)perylene	883	43.1	1,077	4.010	81.6	30.2	128	777.2	12.7	30	
Surr: 2-Fluorobiphenyl	603		538.4		112	6.91	127		0		
Surr: Terphenyl-d14 (surr)	754		538.4		140	32.9	153		0		

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006122-001AMSD**	SampType: **MSD**			Units: **µg/Kg-dry**	Prep Date: **6/15/2020**		RunNo: **59862**		
Client ID: **209-StockPile-West3**	Batch ID: **28663**				Analysis Date: **6/16/2020**		SeqNo: **1198230**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **MB-28660**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **MBLKS**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197647**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.192									
Cadmium	ND	0.154									
Chromium	ND	0.0769									
Lead	ND	0.154									

Sample ID: **LCS-28660**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **LCSS**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197648**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	40.4	0.191	38.17	0	106	80	120				
Cadmium	1.94	0.153	1.908	0	102	80	120				
Chromium	40.4	0.0763	38.17	0	106	80	120				
Lead	20.5	0.153	19.08	0	107	80	120				

Sample ID: **2006167-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **BATCH**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197650**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.25	0.219						2.738	19.5	20	
Cadmium	ND	0.175						0		20	
Chromium	16.6	0.0876						14.53	13.2	20	
Lead	4.85	0.175						5.108	5.20	20	

Sample ID: **2006167-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **BATCH**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197652**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.1	0.205	40.91	2.738	109	75	125				
Cadmium	2.32	0.164	2.045	0.1335	107	75	125				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Total Metals by EPA Method 6020B

Sample ID: **2006167-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **BATCH**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197652**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	58.5	0.0818	40.91	14.53	108	75	125				
Lead	23.7	0.164	20.45	5.108	90.8	75	125				

Sample ID: **2006167-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/15/2020**	RunNo: **59837**
Client ID: **BATCH**	Batch ID: **28660**		Analysis Date: **6/15/2020**	SeqNo: **1197653**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.2	0.221	44.15	2.738	107	75	125	47.12	6.33	20	
Cadmium	2.45	0.177	2.208	0.1335	105	75	125	2.321	5.51	20	
Chromium	66.1	0.0883	44.15	14.53	117	75	125	58.54	12.1	20	
Lead	26.3	0.177	22.08	5.108	96.1	75	125	23.68	10.6	20	

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28665** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **LCSS** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197923**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.957	0.0200	1.000	0	95.7	13.4	185				
Chloromethane	1.01	0.0500	1.000	0	101	38.5	158				
Vinyl chloride	0.970	0.0250	1.000	0	97.0	53.6	138				
Bromomethane	1.05	0.0500	1.000	0	105	56.6	151				
Trichlorofluoromethane (CFC-11)	0.983	0.0200	1.000	0	98.3	64.2	137				
Chloroethane	1.08	0.0500	1.000	0	108	54.1	134				
1,1-Dichloroethene	0.965	0.0200	1.000	0	96.5	66	133				
Methylene chloride	0.937	0.0200	1.000	0	93.7	74.3	117				
trans-1,2-Dichloroethene	0.932	0.0200	1.000	0	93.2	79.6	115				
1,1-Dichloroethane	0.964	0.0200	1.000	0	96.4	75.8	117				
cis-1,2-Dichloroethene	0.909	0.0200	1.000	0	90.9	77.8	115				
Chloroform	0.946	0.0200	1.000	0	94.6	78.2	115				
1,1,1-Trichloroethane (TCA)	0.970	0.0250	1.000	0	97.0	76	121				
1,1-Dichloropropene	0.940	0.0200	1.000	0	94.0	77.2	120				
Carbon tetrachloride	0.946	0.0500	1.000	0	94.6	74	122				
1,2-Dichloroethane (EDC)	0.989	0.0200	1.000	0	98.9	74.7	115				
Trichloroethene (TCE)	0.926	0.0200	1.000	0	92.6	79.6	118				
1,2-Dichloropropane	0.944	0.0200	1.000	0	94.4	78.2	115				
Bromodichloromethane	1.02	0.0200	1.000	0	102	76.6	116				
Dibromomethane	0.944	0.0200	1.000	0	94.4	77.9	115				
cis-1,3-Dichloropropene	0.910	0.0200	1.000	0	91.0	74.6	119				
trans-1,3-Dichloropropylene	1.05	0.0200	1.000	0	105	70.6	124				
1,1,2-Trichloroethane	0.933	0.0200	1.000	0	93.3	75.6	116				
1,3-Dichloropropane	0.952	0.0250	1.000	0	95.2	75.3	116				
Tetrachloroethene (PCE)	0.947	0.0250	1.000	0	94.7	78.8	119				
Dibromochloromethane	1.01	0.0250	1.000	0	101	72.5	123				
1,2-Dibromoethane (EDB)	0.905	0.00500	1.000	0	90.5	75	116				
Chlorobenzene	0.925	0.0250	1.000	0	92.5	83.4	113				
1,1,1,2-Tetrachloroethane	1.04	0.0250	1.000	0	104	80.8	117				
Bromoform	1.12	0.0500	1.000	0	112	71	129				
1,1,2,2-Tetrachloroethane	1.04	0.0200	1.000	0	104	71.3	119				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28665** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **LCSS** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197923**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	0.979	0.0200	1.000	0	97.9	78.6	115				
2-Chlorotoluene	0.965	0.0250	1.000	0	96.5	78.6	116				
4-Chlorotoluene	0.972	0.0250	1.000	0	97.2	78.8	117				
1,2,3-Trichloropropane	1.10	0.0250	1.000	0	110	67.5	129				
1,2,4-Trichlorobenzene	0.879	0.0250	1.000	0	87.9	79.6	124				
1,3-Dichlorobenzene	0.947	0.0200	1.000	0	94.7	87.1	117				
1,4-Dichlorobenzene	0.956	0.0200	1.000	0	95.6	87.6	115				
1,2-Dichlorobenzene	0.959	0.0200	1.000	0	95.9	87.9	115				
1,2-Dibromo-3-chloropropane	1.08	0.500	1.000	0	108	65.6	132				
Hexachloro-1,3-butadiene	0.977	0.0500	1.000	0	97.7	75	130				
1,2,3-Trichlorobenzene	0.885	0.0200	1.000	0	88.5	74.3	128				
Surr: Dibromofluoromethane	1.31		1.250		105	83.3	111				
Surr: Toluene-d8	1.22		1.250		97.4	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.31		1.250		105	85.1	111				

Sample ID: **MB-28665** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **MBLKS** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197924**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28665** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **MBLKS** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197924**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0500									
1,2-Dichloroethane (EDC)	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
Bromobenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-28665** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **MBLKS** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197924**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.19		1.250		95.1	83.3	111				
Surr: Toluene-d8	1.21		1.250		97.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		98.9	85.1	111				

Sample ID: **2006122-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-West3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0213						0		30	
Chloromethane	ND	0.0533						0		30	
Vinyl chloride	ND	0.0266						0		30	
Bromomethane	ND	0.0533						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0213						0		30	
Chloroethane	ND	0.0533						0		30	
1,1-Dichloroethene	ND	0.0213						0		30	
Methylene chloride	ND	0.0213						0		30	
trans-1,2-Dichloroethene	ND	0.0213						0		30	
1,1-Dichloroethane	ND	0.0213						0		30	
cis-1,2-Dichloroethene	ND	0.0213						0		30	
Chloroform	ND	0.0213						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0266						0		30	
1,1-Dichloropropene	ND	0.0213						0		30	
Carbon tetrachloride	ND	0.0533						0		30	
1,2-Dichloroethane (EDC)	ND	0.0213						0		30	
Trichloroethene (TCE)	ND	0.0213						0		30	
1,2-Dichloropropane	ND	0.0213						0		30	
Bromodichloromethane	ND	0.0213						0		30	
Dibromomethane	ND	0.0213						0		30	
cis-1,3-Dichloropropene	ND	0.0213						0		30	
trans-1,3-Dichloropropylene	ND	0.0213						0		30	

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006122-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-West3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0213						0		30	
1,3-Dichloropropane	ND	0.0266						0		30	
Tetrachloroethene (PCE)	ND	0.0266						0		30	
Dibromochloromethane	ND	0.0266						0		30	
1,2-Dibromoethane (EDB)	ND	0.00533						0		30	
Chlorobenzene	ND	0.0266						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0266						0		30	
Bromoform	ND	0.0533						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0213						0		30	
Bromobenzene	ND	0.0213						0		30	
2-Chlorotoluene	ND	0.0266						0		30	
4-Chlorotoluene	ND	0.0266						0		30	
1,2,3-Trichloropropane	ND	0.0266						0		30	
1,2,4-Trichlorobenzene	ND	0.0266						0		30	
1,3-Dichlorobenzene	ND	0.0213						0		30	
1,4-Dichlorobenzene	ND	0.0213						0		30	
1,2-Dichlorobenzene	ND	0.0213						0		30	
1,2-Dibromo-3-chloropropane	ND	0.533						0		30	
Hexachloro-1,3-butadiene	ND	0.0533						0		30	
1,2,3-Trichlorobenzene	ND	0.0213						0		30	
Surr: Dibromofluoromethane	1.32		1.331		98.9	83.3	111		0		
Surr: Toluene-d8	1.30		1.331		97.8	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.31		1.331		98.6	85.1	111		0		

Sample ID: **2006122-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.983	0.0203	1.016	0	96.8	5.73	173				
Chloromethane	1.12	0.0508	1.016	0	110	41.3	150				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006122-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0254	1.016	0	108	49.5	138				
Bromomethane	0.901	0.0508	1.016	0	88.8	48.5	158				
Trichlorofluoromethane (CFC-11)	1.29	0.0203	1.016	0	127	40.6	159				
Chloroethane	0.743	0.0508	1.016	0	73.2	30.4	166				
1,1-Dichloroethene	1.25	0.0203	1.016	0	123	55	138				
Methylene chloride	1.07	0.0203	1.016	0	105	70.3	123				
trans-1,2-Dichloroethene	1.07	0.0203	1.016	0	106	73.1	121				
1,1-Dichloroethane	1.11	0.0203	1.016	0	109	70.8	122				
cis-1,2-Dichloroethene	1.04	0.0203	1.016	0	102	71.8	122				
Chloroform	1.07	0.0203	1.016	0	105	72.9	122				
1,1,1-Trichloroethane (TCA)	1.10	0.0254	1.016	0	108	69.6	125				
1,1-Dichloropropene	1.09	0.0203	1.016	0	107	69.3	126				
Carbon tetrachloride	1.05	0.0508	1.016	0	103	65	127				
1,2-Dichloroethane (EDC)	1.11	0.0203	1.016	0	109	70.1	121				
Trichloroethene (TCE)	1.07	0.0203	1.016	0	105	70.1	129				
1,2-Dichloropropane	1.06	0.0203	1.016	0	104	74.6	120				
Bromodichloromethane	1.09	0.0203	1.016	0	107	70.9	122				
Dibromomethane	1.03	0.0203	1.016	0	101	75.6	120				
cis-1,3-Dichloropropene	0.983	0.0203	1.016	0	96.8	68.3	120				
trans-1,3-Dichloropropylene	1.11	0.0203	1.016	0	109	62.2	127				
1,1,2-Trichloroethane	0.997	0.0203	1.016	0	98.2	72.9	120				
1,3-Dichloropropane	0.999	0.0254	1.016	0	98.4	71.9	119				
Tetrachloroethene (PCE)	1.07	0.0254	1.016	0	105	71.1	122				
Dibromochloromethane	1.04	0.0254	1.016	0	103	65.9	126				
1,2-Dibromoethane (EDB)	0.984	0.00508	1.016	0	96.8	72	119				
Chlorobenzene	1.05	0.0254	1.016	0	103	81.4	116				
1,1,1,2-Tetrachloroethane	1.10	0.0254	1.016	0	109	72.9	125				
Bromoform	1.13	0.0508	1.016	0	111	63.4	133				
1,1,2,2-Tetrachloroethane	1.09	0.0203	1.016	0	107	61	128				
Bromobenzene	1.12	0.0203	1.016	0	110	77	120				
2-Chlorotoluene	1.12	0.0254	1.016	0	110	71.4	126				

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006122-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	1.13	0.0254	1.016	0	112	73.6	124				
1,2,3-Trichloropropane	1.12	0.0254	1.016	0	111	65.7	132				
1,2,4-Trichlorobenzene	1.20	0.0254	1.016	0	119	70.5	130				
1,3-Dichlorobenzene	1.06	0.0203	1.016	0	105	83.8	121				
1,4-Dichlorobenzene	1.06	0.0203	1.016	0	104	85.7	117				
1,2-Dichlorobenzene	1.06	0.0203	1.016	0	104	81.8	120				
1,2-Dibromo-3-chloropropane	1.09	0.508	1.016	0	107	56.9	139				
Hexachloro-1,3-butadiene	1.33	0.0508	1.016	0	131	61.1	140				
1,2,3-Trichlorobenzene	1.11	0.0203	1.016	0	109	67.8	132				
Surr: Dibromofluoromethane	1.33		1.269		105	83.3	111				
Surr: Toluene-d8	1.26		1.269		99.2	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.35		1.269		107	85.1	111				

Sample ID: **2006122-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197915**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.982	0.0203	1.016	0	96.7	5.73	173	0.9829	0.0874	30	
Chloromethane	1.13	0.0508	1.016	0	112	41.3	150	1.122	1.06	30	
Vinyl chloride	1.11	0.0254	1.016	0	109	49.5	138	1.100	0.881	30	
Bromomethane	0.884	0.0508	1.016	0	87.1	48.5	158	0.9014	1.93	30	
Trichlorofluoromethane (CFC-11)	1.28	0.0203	1.016	0	126	40.6	159	1.286	0.549	30	
Chloroethane	0.741	0.0508	1.016	0	73.0	30.4	166	0.7435	0.292	30	
1,1-Dichloroethene	1.28	0.0203	1.016	0	126	55	138	1.252	2.52	30	
Methylene chloride	1.06	0.0203	1.016	0	105	70.3	123	1.071	0.619	30	
trans-1,2-Dichloroethene	1.09	0.0203	1.016	0	108	73.1	121	1.074	1.88	30	
1,1-Dichloroethane	1.09	0.0203	1.016	0	107	70.8	122	1.106	1.74	30	
cis-1,2-Dichloroethene	1.03	0.0203	1.016	0	101	71.8	122	1.035	0.554	30	
Chloroform	1.04	0.0203	1.016	0	102	72.9	122	1.069	2.90	30	
1,1,1-Trichloroethane (TCA)	1.07	0.0254	1.016	0	105	69.6	125	1.098	2.91	30	

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006122-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197915**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	1.05	0.0203	1.016	0	104	69.3	126	1.086	3.27	30	
Carbon tetrachloride	1.03	0.0508	1.016	0	101	65	127	1.049	1.78	30	
1,2-Dichloroethane (EDC)	1.04	0.0203	1.016	0	103	70.1	121	1.109	6.35	30	
Trichloroethene (TCE)	1.02	0.0203	1.016	0	100	70.1	129	1.065	4.73	30	
1,2-Dichloropropane	1.00	0.0203	1.016	0	98.4	74.6	120	1.058	5.65	30	
Bromodichloromethane	1.05	0.0203	1.016	0	104	70.9	122	1.088	3.24	30	
Dibromomethane	0.979	0.0203	1.016	0	96.4	75.6	120	1.028	4.79	30	
cis-1,3-Dichloropropene	0.940	0.0203	1.016	0	92.5	68.3	120	0.9830	4.52	30	
trans-1,3-Dichloropropylene	1.06	0.0203	1.016	0	105	62.2	127	1.107	4.06	30	
1,1,2-Trichloroethane	0.965	0.0203	1.016	0	95.0	72.9	120	0.9973	3.26	30	
1,3-Dichloropropane	0.974	0.0254	1.016	0	95.9	71.9	119	0.9993	2.53	30	
Tetrachloroethene (PCE)	1.03	0.0254	1.016	0	102	71.1	122	1.065	3.24	30	
Dibromochloromethane	1.03	0.0254	1.016	0	102	65.9	126	1.044	0.959	30	
1,2-Dibromoethane (EDB)	0.935	0.00508	1.016	0	92.1	72	119	0.9836	5.05	30	
Chlorobenzene	1.02	0.0254	1.016	0	100	81.4	116	1.045	2.75	30	
1,1,1,2-Tetrachloroethane	1.10	0.0254	1.016	0	108	72.9	125	1.103	0.727	30	
Bromoform	1.12	0.0508	1.016	0	111	63.4	133	1.128	0.337	30	
1,1,2,2-Tetrachloroethane	1.06	0.0203	1.016	0	104	61	128	1.089	2.87	30	
Bromobenzene	1.07	0.0203	1.016	0	105	77	120	1.119	4.46	30	
2-Chlorotoluene	1.07	0.0254	1.016	0	105	71.4	126	1.116	4.39	30	
4-Chlorotoluene	1.09	0.0254	1.016	0	107	73.6	124	1.133	3.95	30	
1,2,3-Trichloropropane	1.11	0.0254	1.016	0	110	65.7	132	1.124	0.931	30	
1,2,4-Trichlorobenzene	1.18	0.0254	1.016	0	116	70.5	130	1.204	2.00	30	
1,3-Dichlorobenzene	1.02	0.0203	1.016	0	101	83.8	121	1.062	3.83	30	
1,4-Dichlorobenzene	1.02	0.0203	1.016	0	101	85.7	117	1.060	3.61	30	
1,2-Dichlorobenzene	1.02	0.0203	1.016	0	100	81.8	120	1.055	3.77	30	
1,2-Dibromo-3-chloropropane	1.10	0.508	1.016	0	108	56.9	139	1.089	0.795	30	
Hexachloro-1,3-butadiene	1.27	0.0508	1.016	0	125	61.1	140	1.328	4.65	30	
1,2,3-Trichlorobenzene	1.12	0.0203	1.016	0	110	67.8	132	1.110	0.808	30	
Surr: Dibromofluoromethane	1.34		1.269		105	83.3	111		0		
Surr: Toluene-d8	1.21		1.269		95.7	87.9	111		0		

Work Order: 2006122
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006122-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/15/2020** RunNo: **59844**
Client ID: **209-StockPile-East3** Batch ID: **28665** Analysis Date: **6/15/2020** SeqNo: **1197915**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.36		1.269		107	85.1	111		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2006122**
Logged by:	**Carissa True**	Date Received:	**6/8/2020 1:38:00 PM**

Chain of Custody

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

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 ☐

Samples were collected the same day and chilled.

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	4.8
Sample 1	14.5
Temp Blank 1	4.8

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 6/8/20 Page: 1 of: 1

Laboratory Project No (internal): 2006122

Project Name: F209

Special Remarks:

Client: 089

Project No: 2021

Address:

Collected by: ATKins

City, State, Zip:

Location: F209

Telephone:

Report To (PM): ATKins

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	F209-STOCKPILE-WEST3	6/8/20	1135	S					X									
2	" " -EAST3	"	1136	S					X									
3	" " -EAST4	"	1137	S					X									
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	6/8/20 -1330	x [signature]	6/8/20 @ 1338
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 6/8/20 Page: 1 of: 1

Laboratory Project No (internal): 2006122

Project Name: F209

Special Remarks:

Client: OSG

Project No: 2021

Address:

Collected by: Atkins

City, State, Zip:

Location: F209

Edits by ART 6/15 per VA.

Telephone:

Report To (PM): ATK

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	HVOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (NC)***	EDB (8011)	Comments
1	F209-Stockpile-West3	6/8/20	1135	S	X					X		X	X						
2	↓ ↓ -East3	↓	1136	S	X					X		X	X						
3	-East4	↓	1137	S	X					X		X	X						
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	6/8/20 -1330	x	6/8/20 @ 1338
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ ~~Next Day~~
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2006123

June 11, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 18 sample(s) on 6/8/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *06/11/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2006123

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2006123-001	209-PEX-49-3	06/08/2020 9:25 AM	06/08/2020 1:38 PM
2006123-002	209-PEX-50-3	06/08/2020 9:30 AM	06/08/2020 1:38 PM
2006123-003	209-PEX-51-5	06/08/2020 9:35 AM	06/08/2020 1:38 PM
2006123-004	209-PEX-52-3	06/08/2020 9:40 AM	06/08/2020 1:38 PM
2006123-005	209-PEX-53-10	06/08/2020 9:45 AM	06/08/2020 1:38 PM
2006123-006	209-PEX-54-20	06/08/2020 10:30 AM	06/08/2020 1:38 PM
2006123-007	209-PEX-55-10	06/08/2020 10:35 AM	06/08/2020 1:38 PM
2006123-008	209-PEX-56-5	06/08/2020 10:40 AM	06/08/2020 1:38 PM
2006123-009	209-PEX-57-3	06/08/2020 10:43 AM	06/08/2020 1:38 PM
2006123-010	209-PEX-58-20	06/08/2020 10:50 AM	06/08/2020 1:38 PM
2006123-011	209-PEX-59-15	06/08/2020 10:55 AM	06/08/2020 1:38 PM
2006123-012	209-PEX-60-20	06/08/2020 11:00 AM	06/08/2020 1:38 PM
2006123-013	209-PEX-61-15	06/08/2020 11:05 AM	06/08/2020 1:38 PM
2006123-014	209-PEX-62-15	06/08/2020 11:10 AM	06/08/2020 1:38 PM
2006123-015	209-PEX-63-23	06/08/2020 11:15 AM	06/08/2020 1:38 PM
2006123-016	209-PEX-64-30	06/08/2020 11:20 AM	06/08/2020 1:38 PM
2006123-017	209-PEX-65-30	06/08/2020 11:25 AM	06/08/2020 1:38 PM
2006123-018	209-PEX-66-20	06/08/2020 11:30 AM	06/08/2020 1:38 PM

Case Narrative

WO#: **2006123**
Date: **6/11/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2006123**
Date Reported: **6/11/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 9:25:00 AM
Project: F200
Lab ID: 2006123-001
Matrix: Soil
Client Sample ID: **209-PEX-49-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	6/9/2020 1:47:04 PM
Heavy Oil	ND	53.7		mg/Kg-dry	1	6/9/2020 1:47:04 PM
Surr: 2-Fluorobiphenyl	73.7	50 - 150		%Rec	1	6/9/2020 1:47:04 PM
Surr: o-Terphenyl	85.9	50 - 150		%Rec	1	6/9/2020 1:47:04 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
2-Methylnaphthalene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
1-Methylnaphthalene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Acenaphthylene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Acenaphthene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Fluorene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Phenanthrene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Anthracene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Fluoranthene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Pyrene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Benz(a)anthracene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Chrysene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Benzo(b)fluoranthene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Benzo(k)fluoranthene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Benzo(a)pyrene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Dibenz(a,h)anthracene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Benzo(g,h,i)perylene	ND	43.9		µg/Kg-dry	1	6/10/2020 6:35:00 PM
Surr: 2-Fluorobiphenyl	55.6	6.91 - 127		%Rec	1	6/10/2020 6:35:00 PM
Surr: Terphenyl-d14 (surr)	98.8	32.9 - 153		%Rec	1	6/10/2020 6:35:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	12.4	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 9:30:00 AM
Project: F200
Lab ID: 2006123-002
Matrix: Soil
Client Sample ID: **209-PEX-50-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
2-Methylnaphthalene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
1-Methylnaphthalene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Acenaphthylene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Acenaphthene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Fluorene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Phenanthrene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Anthracene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Pyrene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Benz(a)anthracene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Chrysene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Benzo(b)fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Benzo(k)fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Benzo(a)pyrene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Indeno(1,2,3-cd)pyrene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Dibenz(a,h)anthracene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Benzo(g,h,i)perylene	ND	38.6		µg/Kg-dry	1	6/11/2020 2:34:55 AM
Surr: 2-Fluorobiphenyl	57.5	6.91 - 127		%Rec	1	6/11/2020 2:34:55 AM
Surr: Terphenyl-d14 (surr)	104	32.9 - 153		%Rec	1	6/11/2020 2:34:55 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	11.5	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 9:35:00 AM
Project: F200
Lab ID: 2006123-003
Matrix: Soil
Client Sample ID: **209-PEX-51-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
2-Methylnaphthalene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
1-Methylnaphthalene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Acenaphthylene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Acenaphthene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Fluorene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Phenanthrene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Anthracene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Fluoranthene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Pyrene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Benz(a)anthracene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Chrysene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Benzo(b)fluoranthene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Benzo(k)fluoranthene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Benzo(a)pyrene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Indeno(1,2,3-cd)pyrene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Dibenz(a,h)anthracene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Benzo(g,h,i)perylene	ND	41.2		µg/Kg-dry	1	6/10/2020 6:57:36 PM
Surr: 2-Fluorobiphenyl	58.4	6.91 - 127		%Rec	1	6/10/2020 6:57:36 PM
Surr: Terphenyl-d14 (surr)	97.4	32.9 - 153		%Rec	1	6/10/2020 6:57:36 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	10.5	0.500		wt%	1	6/9/2020 7:29:00 AM

Analytical Report

Work Order: **2006123**
Date Reported: **6/11/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 9:40:00 AM
Project: F200
Lab ID: 2006123-004
Matrix: Soil
Client Sample ID: 209-PEX-52-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	884	19.0		mg/Kg-dry	1	6/9/2020 2:16:58 PM
Heavy Oil	ND	47.4		mg/Kg-dry	1	6/9/2020 2:16:58 PM
Surr: 2-Fluorobiphenyl	91.4	50 - 150		%Rec	1	6/9/2020 2:16:58 PM
Surr: o-Terphenyl	92.0	50 - 150		%Rec	1	6/9/2020 2:16:58 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	9.26	0.500		wt%	1	6/9/2020 7:29:00 AM

Analytical Report

Work Order: **2006123**
Date Reported: **6/11/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 9:45:00 AM
Project: F200
Lab ID: 2006123-005
Matrix: Soil
Client Sample ID: 209-PEX-53-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	ND	21.1		mg/Kg-dry	1	6/9/2020 2:47:00 PM
Heavy Oil	ND	52.8		mg/Kg-dry	1	6/9/2020 2:47:00 PM
Surr: 2-Fluorobiphenyl	70.2	50 - 150		%Rec	1	6/9/2020 2:47:00 PM
Surr: o-Terphenyl	83.4	50 - 150		%Rec	1	6/9/2020 2:47:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	6.60	0.500		wt%	1	6/9/2020 7:29:00 AM

Analytical Report

Work Order: **2006123**
Date Reported: **6/11/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:30:00 AM
Project: F200
Lab ID: 2006123-006
Matrix: Soil
Client Sample ID: 209-PEX-54-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
2-Methylnaphthalene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
1-Methylnaphthalene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Acenaphthylene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Acenaphthene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Fluorene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Phenanthrene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Anthracene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Fluoranthene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Pyrene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Benz(a)anthracene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Chrysene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Benzo(b)fluoranthene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Benzo(k)fluoranthene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Benzo(a)pyrene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Indeno(1,2,3-cd)pyrene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Dibenz(a,h)anthracene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Benzo(g,h,i)perylene	ND	36.5		µg/Kg-dry	1	6/10/2020 7:20:13 PM
Surr: 2-Fluorobiphenyl	64.5	6.91 - 127		%Rec	1	6/10/2020 7:20:13 PM
Surr: Terphenyl-d14 (surr)	101	32.9 - 153		%Rec	1	6/10/2020 7:20:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	4.91	0.500		wt%	1	6/9/2020 7:29:00 AM

Analytical Report

Work Order: **2006123**
Date Reported: **6/11/2020**

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:35:00 AM
Project: F200
Lab ID: 2006123-007
Matrix: Soil
Client Sample ID: 209-PEX-55-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	6/9/2020 3:16:54 PM
Heavy Oil	ND	51.2		mg/Kg-dry	1	6/9/2020 3:16:54 PM
Surr: 2-Fluorobiphenyl	71.4	50 - 150		%Rec	1	6/9/2020 3:16:54 PM
Surr: o-Terphenyl	85.2	50 - 150		%Rec	1	6/9/2020 3:16:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	3.51	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:40:00 AM
Project: F200
Lab ID: 2006123-008
Matrix: Soil
Client Sample ID: 209-PEX-56-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
2-Methylnaphthalene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
1-Methylnaphthalene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Acenaphthylene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Acenaphthene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Fluorene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Phenanthrene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Anthracene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Fluoranthene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Pyrene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Benz(a)anthracene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Chrysene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Benzo(b)fluoranthene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Benzo(k)fluoranthene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Benzo(a)pyrene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Indeno(1,2,3-cd)pyrene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Dibenz(a,h)anthracene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Benzo(g,h,i)perylene	ND	40.3		µg/Kg-dry	1	6/10/2020 10:28:53 PM
Surr: 2-Fluorobiphenyl	60.7	6.91 - 127		%Rec	1	6/10/2020 10:28:53 PM
Surr: Terphenyl-d14 (surr)	88.8	32.9 - 153		%Rec	1	6/10/2020 10:28:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	8.79	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:43:00 AM
Project: F200
Lab ID: 2006123-009
Matrix: Soil
Client Sample ID: **209-PEX-57-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
2-Methylnaphthalene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
1-Methylnaphthalene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Acenaphthylene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Acenaphthene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Fluorene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Phenanthrene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Anthracene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Fluoranthene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Pyrene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Benz(a)anthracene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Chrysene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Benzo(b)fluoranthene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Benzo(k)fluoranthene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Benzo(a)pyrene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Indeno(1,2,3-cd)pyrene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Dibenz(a,h)anthracene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Benzo(g,h,i)perylene	ND	43.5		µg/Kg-dry	1	6/10/2020 10:51:16 PM
Surr: 2-Fluorobiphenyl	73.3	6.91 - 127		%Rec	1	6/10/2020 10:51:16 PM
Surr: Terphenyl-d14 (surr)	94.2	32.9 - 153		%Rec	1	6/10/2020 10:51:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	8.30	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:50:00 AM
Project: F200
Lab ID: 2006123-010
Matrix: Soil
Client Sample ID: **209-PEX-58-20**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	6/9/2020 3:46:59 PM
Heavy Oil	ND	51.3		mg/Kg-dry	1	6/9/2020 3:46:59 PM
Surr: 2-Fluorobiphenyl	64.3	50 - 150		%Rec	1	6/9/2020 3:46:59 PM
Surr: o-Terphenyl	78.3	50 - 150		%Rec	1	6/9/2020 3:46:59 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
2-Methylnaphthalene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
1-Methylnaphthalene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Acenaphthylene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Acenaphthene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Fluorene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Phenanthrene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Anthracene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Fluoranthene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Pyrene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Benz(a)anthracene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Chrysene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Benzo(b)fluoranthene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Benzo(k)fluoranthene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Benzo(a)pyrene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Indeno(1,2,3-cd)pyrene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Dibenz(a,h)anthracene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Benzo(g,h,i)perylene	ND	37.9		µg/Kg-dry	1	6/11/2020 5:11:31 AM
Surr: 2-Fluorobiphenyl	60.4	6.91 - 127		%Rec	1	6/11/2020 5:11:31 AM
Surr: Terphenyl-d14 (surr)	100	32.9 - 153		%Rec	1	6/11/2020 5:11:31 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	6.94	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 10:55:00 AM
Project: F200
Lab ID: 2006123-011
Matrix: Soil
Client Sample ID: 209-PEX-59-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
2-Methylnaphthalene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
1-Methylnaphthalene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Acenaphthylene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Acenaphthene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Fluorene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Phenanthrene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Anthracene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Fluoranthene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Pyrene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Benz(a)anthracene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Chrysene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Benzo(b)fluoranthene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Benzo(k)fluoranthene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Benzo(a)pyrene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Indeno(1,2,3-cd)pyrene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Dibenz(a,h)anthracene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Benzo(g,h,i)perylene	ND	41.9		µg/Kg-dry	1	6/10/2020 11:13:41 PM
Surr: 2-Fluorobiphenyl	54.4	6.91 - 127		%Rec	1	6/10/2020 11:13:41 PM
Surr: Terphenyl-d14 (surr)	101	32.9 - 153		%Rec	1	6/10/2020 11:13:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	10.2	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:00:00 AM
Project: F200
Lab ID: 2006123-012
Matrix: Soil
Client Sample ID: 209-PEX-60-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
2-Methylnaphthalene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
1-Methylnaphthalene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Acenaphthylene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Acenaphthene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Fluorene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Phenanthrene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Anthracene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Fluoranthene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Pyrene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Benz(a)anthracene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Chrysene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Benzo(b)fluoranthene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Benzo(k)fluoranthene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Benzo(a)pyrene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Indeno(1,2,3-cd)pyrene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Dibenz(a,h)anthracene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Benzo(g,h,i)perylene	ND	40.2		µg/Kg-dry	1	6/10/2020 11:36:09 PM
Surr: 2-Fluorobiphenyl	63.3	6.91 - 127		%Rec	1	6/10/2020 11:36:09 PM
Surr: Terphenyl-d14 (surr)	97.7	32.9 - 153		%Rec	1	6/10/2020 11:36:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	5.57	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:05:00 AM
Project: F200
Lab ID: 2006123-013
Matrix: Soil
Client Sample ID: 209-PEX-61-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
2-Methylnaphthalene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
1-Methylnaphthalene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Acenaphthylene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Acenaphthene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Fluorene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Phenanthrene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Anthracene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Fluoranthene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Pyrene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Benz(a)anthracene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Chrysene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Benzo(b)fluoranthene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Benzo(k)fluoranthene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Benzo(a)pyrene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Indeno(1,2,3-cd)pyrene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Dibenz(a,h)anthracene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Benzo(g,h,i)perylene	ND	42.1		µg/Kg-dry	1	6/10/2020 11:58:32 PM
Surr: 2-Fluorobiphenyl	72.6	6.91 - 127		%Rec	1	6/10/2020 11:58:32 PM
Surr: Terphenyl-d14 (surr)	101	32.9 - 153		%Rec	1	6/10/2020 11:58:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	8.08	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:10:00 AM
Project: F200
Lab ID: 2006123-014
Matrix: Soil
Client Sample ID: 209-PEX-62-15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
2-Methylnaphthalene	134	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
1-Methylnaphthalene	311	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Acenaphthylene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Acenaphthene	57.0	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Fluorene	142	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Phenanthrene	295	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Anthracene	41.7	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Pyrene	71.7	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Benz(a)anthracene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Chrysene	41.2	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Benzo(b)fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Benzo(k)fluoranthene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Benzo(a)pyrene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Indeno(1,2,3-cd)pyrene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Dibenz(a,h)anthracene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Benzo(g,h,i)perylene	ND	38.6		µg/Kg-dry	1	6/11/2020 12:20:52 AM
Surr: 2-Fluorobiphenyl	69.3	6.91 - 127		%Rec	1	6/11/2020 12:20:52 AM
Surr: Terphenyl-d14 (surr)	105	32.9 - 153		%Rec	1	6/11/2020 12:20:52 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	10.0	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:15:00 AM
Project: F200
Lab ID: 2006123-015
Matrix: Soil
Client Sample ID: 209-PEX-63-23

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	69.5	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
2-Methylnaphthalene	68.1	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
1-Methylnaphthalene	523	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Acenaphthylene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Acenaphthene	208	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Fluorene	605	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Phenanthrene	728	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Anthracene	118	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Fluoranthene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Pyrene	62.6	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Benz(a)anthracene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Chrysene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Benzo(b)fluoranthene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Benzo(k)fluoranthene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Benzo(a)pyrene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Indeno(1,2,3-cd)pyrene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Dibenz(a,h)anthracene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Benzo(g,h,i)perylene	ND	39.1		µg/Kg-dry	1	6/11/2020 12:43:16 AM
Surr: 2-Fluorobiphenyl	84.7	6.91 - 127		%Rec	1	6/11/2020 12:43:16 AM
Surr: Terphenyl-d14 (surr)	113	32.9 - 153		%Rec	1	6/11/2020 12:43:16 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	6.33	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:20:00 AM
Project: F200
Lab ID: 2006123-016
Matrix: Soil
Client Sample ID: **209-PEX-64-30**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
2-Methylnaphthalene	82.8	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
1-Methylnaphthalene	158	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Acenaphthylene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Acenaphthene	54.2	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Fluorene	158	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Phenanthrene	127	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Anthracene	39.2	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Fluoranthene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Pyrene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Benz(a)anthracene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Chrysene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Benzo(b)fluoranthene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Benzo(k)fluoranthene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Benzo(a)pyrene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Indeno(1,2,3-cd)pyrene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Dibenz(a,h)anthracene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Benzo(g,h,i)perylene	ND	36.5		µg/Kg-dry	1	6/11/2020 1:05:34 AM
Surr: 2-Fluorobiphenyl	71.2	6.91 - 127		%Rec	1	6/11/2020 1:05:34 AM
Surr: Terphenyl-d14 (surr)	102	32.9 - 153		%Rec	1	6/11/2020 1:05:34 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	7.59	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:25:00 AM
Project: F200
Lab ID: 2006123-017
Matrix: Soil
Client Sample ID: **209-PEX-65-30**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
2-Methylnaphthalene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
1-Methylnaphthalene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Acenaphthylene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Acenaphthene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Fluorene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Phenanthrene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Anthracene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Fluoranthene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Pyrene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Benz(a)anthracene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Chrysene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Benzo(b)fluoranthene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Benzo(k)fluoranthene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Benzo(a)pyrene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Indeno(1,2,3-cd)pyrene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Dibenz(a,h)anthracene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Benzo(g,h,i)perylene	ND	37.1		µg/Kg-dry	1	6/11/2020 1:27:54 AM
Surr: 2-Fluorobiphenyl	63.7	6.91 - 127		%Rec	1	6/11/2020 1:27:54 AM
Surr: Terphenyl-d14 (surr)	104	32.9 - 153		%Rec	1	6/11/2020 1:27:54 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	6.82	0.500		wt%	1	6/9/2020 7:29:00 AM

Client: O'Neill Service Group
Collection Date: 6/8/2020 11:30:00 AM
Project: F200
Lab ID: 2006123-018
Matrix: Soil
Client Sample ID: 209-PEX-66-20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28593		Analyst: DW
Diesel (Fuel Oil)	648	19.7		mg/Kg-dry	1	6/9/2020 4:16:52 PM
Heavy Oil	341	49.2		mg/Kg-dry	1	6/9/2020 4:16:52 PM
Surr: 2-Fluorobiphenyl	112	50 - 150		%Rec	1	6/9/2020 4:16:52 PM
Surr: o-Terphenyl	107	50 - 150		%Rec	1	6/9/2020 4:16:52 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 28595		Analyst: SB
Naphthalene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
2-Methylnaphthalene	120	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
1-Methylnaphthalene	302	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Acenaphthylene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Acenaphthene	77.0	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Fluorene	194	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Phenanthrene	794	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Anthracene	161	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Fluoranthene	125	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Pyrene	338	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Benz(a)anthracene	172	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Chrysene	310	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Benzo(b)fluoranthene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Benzo(k)fluoranthene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Benzo(a)pyrene	66.3	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Indeno(1,2,3-cd)pyrene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Dibenz(a,h)anthracene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Benzo(g,h,i)perylene	ND	39.0		µg/Kg-dry	1	6/11/2020 5:33:55 AM
Surr: 2-Fluorobiphenyl	78.1	6.91 - 127		%Rec	1	6/11/2020 5:33:55 AM
Surr: Terphenyl-d14 (surr)	118	32.9 - 153		%Rec	1	6/11/2020 5:33:55 AM
Sample Moisture (Percent Moisture)				Batch ID: R59687		Analyst: CG
Percent Moisture	5.58	0.500		wt%	1	6/9/2020 7:29:00 AM

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28593**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **MBLKS**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194475**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	14.0		20.00		69.9	50	150				
Surr: o-Terphenyl	17.0		20.00		84.8	50	150				

Sample ID: **LCS-28593**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **LCSS**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194476**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	530	20.0	500.0	0	106	65	135				
Surr: 2-Fluorobiphenyl	19.2		20.00		96.0	50	150				
Surr: o-Terphenyl	19.2		20.00		96.0	50	150				

Sample ID: **2006123-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **209-PEX-49-3**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194792**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.2						0		30	
Heavy Oil	ND	53.0						0		30	
Surr: 2-Fluorobiphenyl	16.0		21.21		75.4	50	150		0		
Surr: o-Terphenyl	18.7		21.21		88.3	50	150		0		

Sample ID: **2006123-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **209-PEX-49-3**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194793**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	553	21.7	541.9	0	102	65	135				
Surr: 2-Fluorobiphenyl	20.1		21.68		92.7	50	150				
Surr: o-Terphenyl	20.1		21.68		92.8	50	150				

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2006123-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **209-PEX-49-3**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194793**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2006123-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **209-PEX-49-3**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194794**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	563	21.2	530.8	0	106	65	135	553.1	1.84	30	
Surr: 2-Fluorobiphenyl	19.1		21.23		89.8	50	150		0		
Surr: o-Terphenyl	19.0		21.23		89.5	50	150		0		

Sample ID: **2006115-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59701**
Client ID: **BATCH**	Batch ID: **28593**		Analysis Date: **6/9/2020**	SeqNo: **1194802**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.3						0		30	
Heavy Oil	ND	50.7						0		30	
Surr: 2-Fluorobiphenyl	16.0		20.26		78.8	50	150		0		
Surr: o-Terphenyl	18.6		20.26		91.8	50	150		0		

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-28595**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **6/9/2020**	RunNo: **59735**
Client ID: **LCSS**	Batch ID: **28595**		Analysis Date: **6/10/2020**	SeqNo: **1195471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	808	40.0	1,000	0	80.8	47.3	136				
2-Methylnaphthalene	819	40.0	1,000	0	81.9	48.6	142				
1-Methylnaphthalene	820	40.0	1,000	0	82.0	51	140				
Acenaphthylene	807	40.0	1,000	0	80.7	47.5	137				
Acenaphthene	828	40.0	1,000	0	82.8	49.1	138				
Fluorene	840	40.0	1,000	0	84.0	49.3	137				
Phenanthrene	856	40.0	1,000	0	85.6	45.5	139				
Anthracene	801	40.0	1,000	0	80.1	44	139				
Fluoranthene	797	40.0	1,000	0	79.7	48.7	144				
Pyrene	815	40.0	1,000	0	81.5	47.9	143				
Benz(a)anthracene	871	40.0	1,000	0	87.1	49.8	143				
Chrysene	861	40.0	1,000	0	86.1	47.1	144				
Benzo(b)fluoranthene	928	40.0	1,000	0	92.8	44.6	150				
Benzo(k)fluoranthene	819	40.0	1,000	0	81.9	47.5	148				
Benzo(a)pyrene	865	40.0	1,000	0	86.5	45	149				
Indeno(1,2,3-cd)pyrene	865	40.0	1,000	0	86.5	41.4	146				
Dibenz(a,h)anthracene	878	40.0	1,000	0	87.8	43.4	145				
Benzo(g,h,i)perylene	879	40.0	1,000	0	87.9	42.7	144				
Surr: 2-Fluorobiphenyl	504		500.0		101	6.91	127				
Surr: Terphenyl-d14 (surr)	599		500.0		120	32.9	153				

Sample ID: **2006123-002ADUP**	SampType: **DUP**	Units: **µg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59735**
Client ID: **209-PEX-50-3**	Batch ID: **28595**		Analysis Date: **6/11/2020**	SeqNo: **1195551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	44.7						0		30	
2-Methylnaphthalene	ND	44.7						0		30	
1-Methylnaphthalene	ND	44.7						0		30	
Acenaphthylene	ND	44.7						0		30	
Acenaphthene	ND	44.7						0		30	

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006123-002ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/9/2020** RunNo: **59735**
Client ID: **209-PEX-50-3** Batch ID: **28595** Analysis Date: **6/11/2020** SeqNo: **1195551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	ND	44.7						0		30	
Phenanthrene	ND	44.7						0		30	
Anthracene	ND	44.7						0		30	
Fluoranthene	ND	44.7						0		30	
Pyrene	ND	44.7						0		30	
Benz(a)anthracene	ND	44.7						0		30	
Chrysene	ND	44.7						0		30	
Benzo(b)fluoranthene	ND	44.7						0		30	
Benzo(k)fluoranthene	ND	44.7						0		30	
Benzo(a)pyrene	ND	44.7						0		30	
Indeno(1,2,3-cd)pyrene	ND	44.7						0		30	
Dibenz(a,h)anthracene	ND	44.7						0		30	
Benzo(g,h,i)perylene	ND	44.7						0		30	
Surr: 2-Fluorobiphenyl	892		1,116		79.9	6.91	127		0		
Surr: Terphenyl-d14 (surr)	1,230		1,116		110	32.9	153		0		

Sample ID: **2006123-002AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/9/2020** RunNo: **59735**
Client ID: **209-PEX-50-3** Batch ID: **28595** Analysis Date: **6/11/2020** SeqNo: **1195552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	814	45.1	1,129	0	72.1	33	123				
2-Methylnaphthalene	845	45.1	1,129	0	74.9	38.9	128				
1-Methylnaphthalene	853	45.1	1,129	0	75.5	36.2	129				
Acenaphthylene	858	45.1	1,129	0	76.0	39	132				
Acenaphthene	867	45.1	1,129	0	76.8	39.5	124				
Fluorene	874	45.1	1,129	0	77.4	38.5	128				
Phenanthrene	883	45.1	1,129	0	78.2	34.1	130				
Anthracene	856	45.1	1,129	0	75.8	38.8	128				
Fluoranthene	880	45.1	1,129	0	77.9	38.6	136				
Pyrene	894	45.1	1,129	8.740	78.4	37.8	134				

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006123-002AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/9/2020** RunNo: **59735**
Client ID: **209-PEX-50-3** Batch ID: **28595** Analysis Date: **6/11/2020** SeqNo: **1195552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,050	45.1	1,129	0	93.1	35.9	142				
Chrysene	885	45.1	1,129	0	78.4	36.7	131				
Benzo(b)fluoranthene	1,130	45.1	1,129	0	99.9	35	141				
Benzo(k)fluoranthene	868	45.1	1,129	0	76.9	35.9	136				
Benzo(a)pyrene	985	45.1	1,129	0	87.3	31.2	142				
Indeno(1,2,3-cd)pyrene	932	45.1	1,129	0	82.5	29.1	133				
Dibenz(a,h)anthracene	922	45.1	1,129	0	81.7	31.3	132				
Benzo(g,h,i)perylene	1,030	45.1	1,129	0	90.8	30.2	128				
Surr: 2-Fluorobiphenyl	504		564.3		89.4	6.91	127				
Surr: Terphenyl-d14 (surr)	629		564.3		111	32.9	153				

Sample ID: **2006123-002AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **6/9/2020** RunNo: **59735**
Client ID: **209-PEX-50-3** Batch ID: **28595** Analysis Date: **6/11/2020** SeqNo: **1195553**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	656	39.1	977.4	0	67.1	33	123	814.3	21.6	30	
2-Methylnaphthalene	698	39.1	977.4	0	71.4	38.9	128	845.3	19.1	30	
1-Methylnaphthalene	705	39.1	977.4	0	72.1	36.2	129	852.7	19.0	30	
Acenaphthylene	713	39.1	977.4	0	73.0	39	132	858.0	18.5	30	
Acenaphthene	723	39.1	977.4	0	74.0	39.5	124	866.7	18.1	30	
Fluorene	728	39.1	977.4	0	74.5	38.5	128	874.2	18.2	30	
Phenanthrene	742	39.1	977.4	0	75.9	34.1	130	882.9	17.4	30	
Anthracene	722	39.1	977.4	0	73.9	38.8	128	855.7	16.9	30	
Fluoranthene	727	39.1	977.4	0	74.4	38.6	136	879.5	18.9	30	
Pyrene	753	39.1	977.4	8.740	76.2	37.8	134	894.1	17.1	30	
Benz(a)anthracene	907	39.1	977.4	0	92.8	35.9	142	1,051	14.7	30	
Chrysene	737	39.1	977.4	0	75.4	36.7	131	884.5	18.2	30	
Benzo(b)fluoranthene	957	39.1	977.4	0	97.9	35	141	1,128	16.5	30	
Benzo(k)fluoranthene	780	39.1	977.4	0	79.9	35.9	136	868.2	10.6	30	
Benzo(a)pyrene	873	39.1	977.4	0	89.3	31.2	142	985.1	12.1	30	

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2006123-002AMSD**	SampType: **MSD**	Units: **µg/Kg-dry**	Prep Date: **6/9/2020**	RunNo: **59735**
Client ID: **209-PEX-50-3**	Batch ID: **28595**		Analysis Date: **6/11/2020**	SeqNo: **1195553**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	823	39.1	977.4	0	84.2	29.1	133	931.6	12.4	30	
Dibenz(a,h)anthracene	807	39.1	977.4	0	82.6	31.3	132	921.6	13.3	30	
Benzo(g,h,i)perylene	920	39.1	977.4	0	94.1	30.2	128	1,025	10.9	30	
Surr: 2-Fluorobiphenyl	424		488.7		86.7	6.91	127		0		
Surr: Terphenyl-d14 (surr)	523		488.7		107	32.9	153		0		

Sample ID: **MB-28595**	SampType: **MBLK**	Units: **µg/Kg**	Prep Date: **6/9/2020**	RunNo: **59735**
Client ID: **MBLKS**	Batch ID: **28595**		Analysis Date: **6/11/2020**	SeqNo: **1195556**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	902		1,000		90.2	6.91	127				
Surr: Terphenyl-d14 (surr)	1,280		1,000		128	32.9	153				

Work Order: 2006123
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-28595** SampType: **MBLK** Units: **µg/Kg** Prep Date: **6/9/2020** RunNo: **59735**
Client ID: **MBLKS** Batch ID: **28595** Analysis Date: **6/11/2020** SeqNo: **1195556**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2006123**
Logged by:	**Carissa True**	Date Received:	**6/8/2020 1:38:00 PM**

Chain of Custody

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

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 ☐

Samples were collected the same day and chilled.

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	4.8
Sample 1	14.5
Temp Blank 1	4.8

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 6/8/20 Page: 1 of: 2

Laboratory Project No (internal): 2006123

Project Name: F209

Project No: 2021

Client: OSG

Collected by: ATKins

Address:

Location: F209

City, State, Zip:

Report To (PM): ATKins

Telephone:

PM Email:

Fax:

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 PEA-49-3	6/8/20	925	S					X		X						
2 PEA-50-3		930								X						
3 PEA-51-5		935						X		X						Porous
4 PEA-52-3		940						X								
5 PEA-53-10		945						X								
6 PEA-54-20		1030								X						
7 PEA-55-10		1035						X								
8 PEA-56 5		1040								X						
9 PEA-57-3		1043								X						
10 PEA-58-20		1050						X		X						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	6/8/20 -1330	x	6/8/20 @1338
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☑ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 6/8/20 Page: 2 of: 2

Laboratory Project No (internal): 200623

Project Name: F209

Project No: 2021

Client: 089

Collected by: ATKINS

Address:

Location: F209

City, State, Zip:

Report To (PM): ATKINS

Telephone:

Fax:

PM Email:

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PSA-59-15	6/8/20	1055	S							X							
2	209-PSA-60-20		1100						X		X							PAH ONLY
3	209-PSA-61-15		1105								X							
4	209-PSA-62-15		1110								X							
5	209-PSA-63-23		1115								X							
6	209-PSA-64-30		1120								X							
7	209-PSA-65-30		1125								X							
8	209-PSA-66-20		1130						X		X							
9	~~209-PSA-66-20~~																	
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	6/8/20 1330	x [signature]	6/8/20 @ 1330
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☑ Next Day
- Same Day _____ (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2006510

July 06, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 6 sample(s) on 6/30/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

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

Date: *07/06/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2006510

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2006510-001	209-PEX-67-4	06/30/2020 10:45 AM	06/30/2020 5:31 PM
2006510-002	209-PEX-65-5	06/30/2020 10:50 AM	06/30/2020 5:31 PM
2006510-003	209-PEX-69-11	06/30/2020 11:00 AM	06/30/2020 5:31 PM
2006510-004	209-SP-10	06/30/2020 1:20 PM	06/30/2020 5:31 PM
2006510-005	209-SP-11	06/30/2020 1:22 PM	06/30/2020 5:31 PM
2006510-006	209-SP-12	06/30/2020 1:24 PM	06/30/2020 5:31 PM

Case Narrative

WO#: **2006510**
Date: **7/6/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2006510**
Date Reported: **7/6/2020**

Client: O'Neill Service Group
Collection Date: 6/30/2020 10:45:00 AM
Project: F200
Lab ID: 2006510-001
Matrix: Soil
Client Sample ID: 209-PEX-67-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	1,720	21.9		mg/Kg-dry	1	7/6/2020 10:34:05 AM
Heavy Oil	ND	54.7		mg/Kg-dry	1	7/6/2020 10:34:05 AM
Surr: 2-Fluorobiphenyl	110	50 - 150		%Rec	1	7/6/2020 10:34:05 AM
Surr: o-Terphenyl	115	50 - 150		%Rec	1	7/6/2020 10:34:05 AM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	6.20		mg/Kg-dry	1	7/2/2020 8:05:38 PM
Surr: Toluene-d8	99.5	65 - 135		%Rec	1	7/2/2020 8:05:38 PM
Surr: 4-Bromofluorobenzene	105	65 - 135		%Rec	1	7/2/2020 8:05:38 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0248		mg/Kg-dry	1	7/2/2020 8:05:38 PM
Toluene	ND	0.0248		mg/Kg-dry	1	7/2/2020 8:05:38 PM
Ethylbenzene	ND	0.0310		mg/Kg-dry	1	7/2/2020 8:05:38 PM
m,p-Xylene	ND	0.0620		mg/Kg-dry	1	7/2/2020 8:05:38 PM
o-Xylene	ND	0.0310		mg/Kg-dry	1	7/2/2020 8:05:38 PM
Surr: Dibromofluoromethane	94.0	83.3 - 111		%Rec	1	7/2/2020 8:05:38 PM
Surr: Toluene-d8	102	87.9 - 111		%Rec	1	7/2/2020 8:05:38 PM
Surr: 1-Bromo-4-fluorobenzene	100	85.1 - 111		%Rec	1	7/2/2020 8:05:38 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	18.4	0.500		wt%	1	7/1/2020 10:58:51 AM

Analytical Report

Work Order: **2006510**
Date Reported: **7/6/2020**

Client: O'Neill Service Group
Collection Date: 6/30/2020 10:50:00 AM
Project: F200
Lab ID: 2006510-002
Matrix: Soil
Client Sample ID: 209-PEX-65-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	32.0	23.0		mg/Kg-dry	1	7/2/2020 9:45:18 PM
Heavy Oil	ND	57.5		mg/Kg-dry	1	7/2/2020 9:45:18 PM
Surr: 2-Fluorobiphenyl	81.1	50 - 150		%Rec	1	7/2/2020 9:45:18 PM
Surr: o-Terphenyl	89.9	50 - 150		%Rec	1	7/2/2020 9:45:18 PM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	7.37		mg/Kg-dry	1	7/2/2020 9:05:55 PM
Surr: Toluene-d8	98.1	65 - 135		%Rec	1	7/2/2020 9:05:55 PM
Surr: 4-Bromofluorobenzene	95.5	65 - 135		%Rec	1	7/2/2020 9:05:55 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0295		mg/Kg-dry	1	7/2/2020 9:05:55 PM
Toluene	ND	0.0295		mg/Kg-dry	1	7/2/2020 9:05:55 PM
Ethylbenzene	ND	0.0368		mg/Kg-dry	1	7/2/2020 9:05:55 PM
m,p-Xylene	ND	0.0737		mg/Kg-dry	1	7/2/2020 9:05:55 PM
o-Xylene	ND	0.0368		mg/Kg-dry	1	7/2/2020 9:05:55 PM
Surr: Dibromofluoromethane	90.6	83.3 - 111		%Rec	1	7/2/2020 9:05:55 PM
Surr: Toluene-d8	103	87.9 - 111		%Rec	1	7/2/2020 9:05:55 PM
Surr: 1-Bromo-4-fluorobenzene	102	85.1 - 111		%Rec	1	7/2/2020 9:05:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	16.2	0.500		wt%	1	7/1/2020 10:58:51 AM

Analytical Report

Work Order: **2006510**
Date Reported: **7/6/2020**

Client: O'Neill Service Group
Collection Date: 6/30/2020 11:00:00 AM
Project: F200
Lab ID: 2006510-003
Matrix: Soil
Client Sample ID: 209-PEX-69-11

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	ND	19.6		mg/Kg-dry	1	7/2/2020 10:15:03 PM
Heavy Oil	ND	49.0		mg/Kg-dry	1	7/2/2020 10:15:03 PM
Surr: 2-Fluorobiphenyl	82.1	50 - 150		%Rec	1	7/2/2020 10:15:03 PM
Surr: o-Terphenyl	87.8	50 - 150		%Rec	1	7/2/2020 10:15:03 PM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	7.24		mg/Kg-dry	1	7/2/2020 9:36:02 PM
Gasoline Range Organics (C6-C12)	12.0	7.24		mg/Kg-dry	1	7/2/2020 9:36:02 PM
Surr: Toluene-d8	98.1	65 - 135		%Rec	1	7/2/2020 9:36:02 PM
Surr: 4-Bromofluorobenzene	93.5	65 - 135		%Rec	1	7/2/2020 9:36:02 PM

NOTES:
GRO - Indicates the presence of unresolved compounds eluting from hexane to dodecane (~C6-C12). Pattern does not resemble a known petroleum distillate.

Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0290		mg/Kg-dry	1	7/2/2020 9:36:02 PM
Toluene	ND	0.0290		mg/Kg-dry	1	7/2/2020 9:36:02 PM
Ethylbenzene	ND	0.0362		mg/Kg-dry	1	7/2/2020 9:36:02 PM
m,p-Xylene	ND	0.0724		mg/Kg-dry	1	7/2/2020 9:36:02 PM
o-Xylene	ND	0.0362		mg/Kg-dry	1	7/2/2020 9:36:02 PM
Surr: Dibromofluoromethane	92.2	83.3 - 111		%Rec	1	7/2/2020 9:36:02 PM
Surr: Toluene-d8	104	87.9 - 111		%Rec	1	7/2/2020 9:36:02 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	85.1 - 111		%Rec	1	7/2/2020 9:36:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	12.2	0.500		wt%	1	7/1/2020 10:58:51 AM

Analytical Report

Work Order: **2006510**
Date Reported: **7/6/2020**

Client: O'Neill Service Group
Collection Date: 6/30/2020 1:20:00 PM
Project: F200
Lab ID: 2006510-004
Matrix: Soil
Client Sample ID: 209-SP-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	1,230	22.1		mg/Kg-dry	1	7/2/2020 10:44:47 PM
Heavy Oil	ND	55.3		mg/Kg-dry	1	7/2/2020 10:44:47 PM
Surr: 2-Fluorobiphenyl	85.4	50 - 150		%Rec	1	7/2/2020 10:44:47 PM
Surr: o-Terphenyl	90.4	50 - 150		%Rec	1	7/2/2020 10:44:47 PM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	6.62		mg/Kg-dry	1	7/2/2020 10:06:09 PM
Surr: Toluene-d8	98.8	65 - 135		%Rec	1	7/2/2020 10:06:09 PM
Surr: 4-Bromofluorobenzene	94.2	65 - 135		%Rec	1	7/2/2020 10:06:09 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0265		mg/Kg-dry	1	7/2/2020 10:06:09 PM
Toluene	ND	0.0265		mg/Kg-dry	1	7/2/2020 10:06:09 PM
Ethylbenzene	ND	0.0331		mg/Kg-dry	1	7/2/2020 10:06:09 PM
m,p-Xylene	ND	0.0662		mg/Kg-dry	1	7/2/2020 10:06:09 PM
o-Xylene	ND	0.0331		mg/Kg-dry	1	7/2/2020 10:06:09 PM
Surr: Dibromofluoromethane	92.8	83.3 - 111		%Rec	1	7/2/2020 10:06:09 PM
Surr: Toluene-d8	103	87.9 - 111		%Rec	1	7/2/2020 10:06:09 PM
Surr: 1-Bromo-4-fluorobenzene	100	85.1 - 111		%Rec	1	7/2/2020 10:06:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	16.3	0.500		wt%	1	7/1/2020 10:58:51 AM

Client: O'Neill Service Group
Collection Date: 6/30/2020 1:22:00 PM
Project: F200
Lab ID: 2006510-005
Matrix: Soil
Client Sample ID: 209-SP-11

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	1,160	20.1		mg/Kg-dry	1	7/2/2020 11:14:34 PM
Heavy Oil	ND	50.3		mg/Kg-dry	1	7/2/2020 11:14:34 PM
Surr: 2-Fluorobiphenyl	83.3	50 - 150		%Rec	1	7/2/2020 11:14:34 PM
Surr: o-Terphenyl	89.1	50 - 150		%Rec	1	7/2/2020 11:14:34 PM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	6.75		mg/Kg-dry	1	7/2/2020 11:06:23 PM
Surr: Toluene-d8	97.8	65 - 135		%Rec	1	7/2/2020 11:06:23 PM
Surr: 4-Bromofluorobenzene	90.9	65 - 135		%Rec	1	7/2/2020 11:06:23 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0270		mg/Kg-dry	1	7/2/2020 11:06:23 PM
Toluene	ND	0.0270		mg/Kg-dry	1	7/2/2020 11:06:23 PM
Ethylbenzene	ND	0.0338		mg/Kg-dry	1	7/2/2020 11:06:23 PM
m,p-Xylene	ND	0.0675		mg/Kg-dry	1	7/2/2020 11:06:23 PM
o-Xylene	ND	0.0338		mg/Kg-dry	1	7/2/2020 11:06:23 PM
Surr: Dibromofluoromethane	92.4	83.3 - 111		%Rec	1	7/2/2020 11:06:23 PM
Surr: Toluene-d8	99.9	87.9 - 111		%Rec	1	7/2/2020 11:06:23 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	85.1 - 111		%Rec	1	7/2/2020 11:06:23 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	11.7	0.500		wt%	1	7/1/2020 10:58:51 AM

Client: O'Neill Service Group
Collection Date: 6/30/2020 1:24:00 PM
Project: F200
Lab ID: 2006510-006
Matrix: Soil
Client Sample ID: 209-SP-12

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28866		Analyst: DW
Diesel (Fuel Oil)	1,440	20.1		mg/Kg-dry	1	7/2/2020 11:44:16 PM
Heavy Oil	158	50.3		mg/Kg-dry	1	7/2/2020 11:44:16 PM
Surr: 2-Fluorobiphenyl	88.3	50 - 150		%Rec	1	7/2/2020 11:44:16 PM
Surr: o-Terphenyl	87.8	50 - 150		%Rec	1	7/2/2020 11:44:16 PM
Gasoline by NWTPH-Gx				Batch ID: 28874		Analyst: KT
Gasoline	ND	6.52		mg/Kg-dry	1	7/2/2020 10:36:17 PM
Surr: Toluene-d8	98.9	65 - 135		%Rec	1	7/2/2020 10:36:17 PM
Surr: 4-Bromofluorobenzene	95.8	65 - 135		%Rec	1	7/2/2020 10:36:17 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 28874		Analyst: KT
Benzene	ND	0.0261		mg/Kg-dry	1	7/2/2020 10:36:17 PM
Toluene	ND	0.0261		mg/Kg-dry	1	7/2/2020 10:36:17 PM
Ethylbenzene	ND	0.0326		mg/Kg-dry	1	7/2/2020 10:36:17 PM
m,p-Xylene	ND	0.0652		mg/Kg-dry	1	7/2/2020 10:36:17 PM
o-Xylene	ND	0.0326		mg/Kg-dry	1	7/2/2020 10:36:17 PM
Surr: Dibromofluoromethane	91.9	83.3 - 111		%Rec	1	7/2/2020 10:36:17 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	7/2/2020 10:36:17 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111		%Rec	1	7/2/2020 10:36:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R60224		Analyst: MM
Percent Moisture	11.9	0.500		wt%	1	7/1/2020 10:58:51 AM

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-28866**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **MBLKS**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1206842**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.0		20.00		79.8	50	150				
Surr: o-Terphenyl	17.6		20.00		88.1	50	150				

Sample ID: **LCS-28866**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **LCSS**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1206843**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	479	20.0	500.0	0	95.8	65	135				
Surr: 2-Fluorobiphenyl	17.1		20.00		85.4	50	150				
Surr: o-Terphenyl	18.2		20.00		91.1	50	150				

Sample ID: **2007008-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **BATCH**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1207194**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.3						0		30	
Heavy Oil	ND	50.8						0		30	
Surr: 2-Fluorobiphenyl	15.8		20.32		78.0	50	150		0		
Surr: o-Terphenyl	17.3		20.32		85.2	50	150		0		

Sample ID: **2006510-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **209-PEX-67-4**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1207199**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,300	23.1						1,722	28.9	30	
Heavy Oil	ND	57.6						0		30	
Surr: 2-Fluorobiphenyl	20.4		23.05		88.6	50	150		0		

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2006510-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **209-PEX-67-4**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1207199**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	22.0		23.05		95.5	50	150		0		

Sample ID: **2006510-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **209-PEX-67-4**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1207200**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,560	21.4	535.5	1,722	157	65	135				SE
Surr: 2-Fluorobiphenyl	18.0		21.42		84.2	50	150				
Surr: o-Terphenyl	18.5		21.42		86.2	50	150				

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2006510-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **7/1/2020**	RunNo: **60254**
Client ID: **209-PEX-67-4**	Batch ID: **28866**		Analysis Date: **7/2/2020**	SeqNo: **1207201**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	2,620	22.2	553.9	1,722	163	65	135	2,561	2.45	30	SE
Surr: 2-Fluorobiphenyl	21.8		22.16		98.5	50	150		0		
Surr: o-Terphenyl	19.8		22.16		89.3	50	150		0		

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-28874**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **LCSS**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207188**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.2	5.00	25.00	0	101	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		95.6	65	135				

Sample ID: **MB-28874**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **MBLKS**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207189**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.13		1.250		90.2	65	135				

Sample ID: **2006431-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **BATCH**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207176**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	8.24						0		30	
Surr: Toluene-d8	2.06		2.059		99.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.85		2.059		90.0	65	135		0		

Sample ID: **2006510-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **209-PEX-67-4**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207178**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.20						0		30	
Surr: Toluene-d8	1.52		1.551		97.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.61		1.551		104	65	135		0		

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2006510-002BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **209-PEX-65-5**	Batch ID: **28874**		Analysis Date: **7/3/2020**	SeqNo: **1207180**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	43.8	7.37	36.83	6.315	102	65	135				
Surr: Toluene-d8	1.84		1.842		100	65	135				
Surr: 4-Bromofluorobenzene	1.83		1.842		99.4	65	135				

Sample ID: **2006510-002BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60271**
Client ID: **209-PEX-65-5**	Batch ID: **28874**		Analysis Date: **7/3/2020**	SeqNo: **1207181**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	40.8	7.37	36.83	6.315	93.7	65	135	43.82	7.05	30	
Surr: Toluene-d8	1.84		1.842		99.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.82		1.842		98.6	65	135		0		

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-28874** SampType: **LCS** Units: **mg/Kg** Prep Date: **7/2/2020** RunNo: **60270**
Client ID: **LCSS** Batch ID: **28874** Analysis Date: **7/2/2020** SeqNo: **1207166**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.03	0.0200	1.000	0	103	80.5	114				
Toluene	1.03	0.0200	1.000	0	103	79.6	116				
Ethylbenzene	1.05	0.0250	1.000	0	105	81.6	116				
m,p-Xylene	2.12	0.0500	2.000	0	106	80.9	117				
o-Xylene	1.04	0.0250	1.000	0	104	80.8	114				
Surr: Dibromofluoromethane	1.19		1.250		95.1	83.3	111				
Surr: Toluene-d8	1.29		1.250		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	85.1	111				

Sample ID: **MB-28874** SampType: **MBLK** Units: **mg/Kg** Prep Date: **7/2/2020** RunNo: **60270**
Client ID: **MBLKS** Batch ID: **28874** Analysis Date: **7/2/2020** SeqNo: **1207167**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.11		1.250		88.8	83.3	111				
Surr: Toluene-d8	1.28		1.250		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.6	85.1	111				

Sample ID: **2006431-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **7/2/2020** RunNo: **60270**
Client ID: **BATCH** Batch ID: **28874** Analysis Date: **7/2/2020** SeqNo: **1207140**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0329						0		30	
Toluene	ND	0.0329						0		30	
Ethylbenzene	ND	0.0412						0		30	
m,p-Xylene	ND	0.0824						0		30	

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006431-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60270**
Client ID: **BATCH**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207140**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.0412						0		30	
Surr: Dibromofluoromethane	1.86		2.059		90.2	83.3	111		0		
Surr: Toluene-d8	2.15		2.059		104	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	2.00		2.059		97.3	85.1	111		0		

Sample ID: **2006510-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60270**
Client ID: **209-PEX-67-4**	Batch ID: **28874**		Analysis Date: **7/2/2020**	SeqNo: **1207155**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0248						0		30	
Toluene	ND	0.0248						0		30	
Ethylbenzene	ND	0.0310						0		30	
m,p-Xylene	ND	0.0620						0		30	
o-Xylene	ND	0.0310						0		30	
Surr: Dibromofluoromethane	1.48		1.551		95.3	83.3	111		0		
Surr: Toluene-d8	1.57		1.551		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.55		1.551		99.8	85.1	111		0		

Sample ID: **2006431-003BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **7/2/2020**	RunNo: **60270**
Client ID: **BATCH**	Batch ID: **28874**		Analysis Date: **7/3/2020**	SeqNo: **1207142**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.39	0.0265	1.326	0	105	76.7	119				
Toluene	1.39	0.0265	1.326	0	105	74.7	119				
Ethylbenzene	1.43	0.0331	1.326	0	108	77.1	120				
m,p-Xylene	2.92	0.0663	2.651	0	110	76.3	120				
o-Xylene	1.42	0.0331	1.326	0	107	76.6	119				
Surr: Dibromofluoromethane	1.61		1.657		97.4	83.3	111				
Surr: Toluene-d8	1.67		1.657		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.69		1.657		102	85.1	111				

Work Order: 2006510
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2006431-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **7/2/2020** RunNo: **60270**
Client ID: **BATCH** Batch ID: **28874** Analysis Date: **7/3/2020** SeqNo: **1207142**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2006431-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **7/2/2020** RunNo: **60270**
Client ID: **BATCH** Batch ID: **28874** Analysis Date: **7/3/2020** SeqNo: **1207143**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.35	0.0265	1.326	0	102	76.7	119	1.389	2.64	30	
Toluene	1.35	0.0265	1.326	0	102	74.7	119	1.391	3.13	30	
Ethylbenzene	1.39	0.0331	1.326	0	105	77.1	120	1.432	2.93	30	
m,p-Xylene	2.83	0.0663	2.651	0	107	76.3	120	2.917	3.09	30	
o-Xylene	1.38	0.0331	1.326	0	104	76.6	119	1.422	2.74	30	
Surr: Dibromofluoromethane	1.58		1.657		95.2	83.3	111		0		
Surr: Toluene-d8	1.66		1.657		100	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.67		1.657		101	85.1	111		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2006510**
Logged by:	**Carissa True**	Date Received:	**6/30/2020 5:31:00 PM**

Chain of Custody

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

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 ☐

Samples were collected the same day and chilled.

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	5.7
Sample 1	9.7

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

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 6/30/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2006S10

Project Name: ~~2021 FLOOD~~

Special Remarks:

Client: OSJ | Project No: 2021

Address: | Collected by: ATKINS

City, State, Zip: | Location: FL209

Telephone: | Report To (PM): ATKINS

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax: | PM Email:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 209-PSA-67.4	6/30/20	1045	S														
2 209-PSA-65-5	"	1050	"														
3 209-PSA-69-11	"	1100	"														
4 209-SP-10	"	1320	"														
5 209-SP-11	"	1322	"														
6 209-SP-12	"	1324	"														
7																	
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☑ 2 Day
☐ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	6/30/20 1730	x [signature]	6/30/20 @ 1731
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 6/30/20 | Page: 1 of: 1 | Laboratory Project No (Internal): 2006510

Project Name: 2021 FLOOD

Special Remarks:

Client: OSJ

Project No: 2021

Address:

Collected by: ATKINS

City, State, Zip:

Location: FL209

Telephone:

Report To (PM): ATK.

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	6DB (8011)	Comments
1	209-PEA.67.4	6/30/20	1045	S		X				X								
2	209-PEA-65-5		1050			X				X								
3	209-PEA.69-11		1100			X				X								
4	209-SP-10		1320			X				X								
5	209-SP-11		1322			X				X								
6	209-SP-12		1324			X				X								
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	6/30/20 1720	x	6/30/20 1731
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☑ 2 Day
- ☐ Next Day
- Same Day (specify)

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2007021

July 07, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 10 sample(s) on 7/1/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
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

Date: *07/07/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2007021

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2007021-001	209-PEX-70-7	07/01/2020 1:35 PM	07/01/2020 5:23 PM
2007021-002	209-PEX-71-12	07/01/2020 1:40 PM	07/01/2020 5:23 PM
2007021-003	209-PEX-72-5	07/01/2020 1:45 PM	07/01/2020 5:23 PM
2007021-004	209-PEX-73-7	07/01/2020 1:50 PM	07/01/2020 5:23 PM
2007021-005	209-PEX-74-7	07/01/2020 1:55 PM	07/01/2020 5:23 PM
2007021-006	209-PEX-75-7	07/01/2020 2:00 PM	07/01/2020 5:23 PM
2007021-007	209-PEX-76-5	07/01/2020 2:05 PM	07/01/2020 5:23 PM
2007021-008	209-PEX-77-12	07/01/2020 2:10 PM	07/01/2020 5:23 PM
2007021-009	209-SP-13	07/01/2020 2:15 PM	07/01/2020 5:23 PM
2007021-010	209-SP-14	07/01/2020 2:16 PM	07/01/2020 5:23 PM

Case Narrative

WO#: **2007021**
Date: **7/7/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2007021**
Date Reported: **7/7/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2007021-001 **Collection Date:** 7/1/2020 1:35:00 PM
Client Sample ID: **209-PEX-70-7** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	21.7		mg/Kg-dry	1	7/3/2020 7:10:05 AM
Heavy Oil	ND	54.2		mg/Kg-dry	1	7/3/2020 7:10:05 AM
Surr: 2-Fluorobiphenyl	73.8	50 - 150		%Rec	1	7/3/2020 7:10:05 AM
Surr: o-Terphenyl	90.3	50 - 150		%Rec	1	7/3/2020 7:10:05 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	13.2	0.500		wt%	1	7/6/2020 12:08:57 PM

Lab ID: 2007021-002 **Collection Date:** 7/1/2020 1:40:00 PM
Client Sample ID: **209-PEX-71-12** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	21.9		mg/Kg-dry	1	7/3/2020 8:09:46 AM
Heavy Oil	ND	54.7		mg/Kg-dry	1	7/3/2020 8:09:46 AM
Surr: 2-Fluorobiphenyl	71.3	50 - 150		%Rec	1	7/3/2020 8:09:46 AM
Surr: o-Terphenyl	86.1	50 - 150		%Rec	1	7/3/2020 8:09:46 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	9.83	0.500		wt%	1	7/6/2020 12:08:57 PM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2007021-003 **Collection Date:** 7/1/2020 1:45:00 PM
Client Sample ID: **209-PEX-72-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	23.1		mg/Kg-dry	1	7/3/2020 8:39:29 AM
Heavy Oil	ND	57.9		mg/Kg-dry	1	7/3/2020 8:39:29 AM
Surr: 2-Fluorobiphenyl	74.0	50 - 150		%Rec	1	7/3/2020 8:39:29 AM
Surr: o-Terphenyl	86.6	50 - 150		%Rec	1	7/3/2020 8:39:29 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	15.8	0.500		wt%	1	7/6/2020 12:08:57 PM

Lab ID: 2007021-004 **Collection Date:** 7/1/2020 1:50:00 PM
Client Sample ID: **209-PEX-73-7** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	19.1		mg/Kg-dry	1	7/3/2020 9:09:16 AM
Heavy Oil	ND	47.8		mg/Kg-dry	1	7/3/2020 9:09:16 AM
Surr: 2-Fluorobiphenyl	74.0	50 - 150		%Rec	1	7/3/2020 9:09:16 AM
Surr: o-Terphenyl	87.4	50 - 150		%Rec	1	7/3/2020 9:09:16 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	7.70	0.500		wt%	1	7/6/2020 12:08:57 PM

Analytical Report

Work Order: **2007021**
Date Reported: **7/7/2020**

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2007021-005 **Collection Date:** 7/1/2020 1:55:00 PM
Client Sample ID: **209-PEX-74-7** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	7/3/2020 9:39:03 AM
Heavy Oil	ND	59.1		mg/Kg-dry	1	7/3/2020 9:39:03 AM
Surr: 2-Fluorobiphenyl	75.0	50 - 150		%Rec	1	7/3/2020 9:39:03 AM
Surr: o-Terphenyl	90.4	50 - 150		%Rec	1	7/3/2020 9:39:03 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	15.4	0.500		wt%	1	7/6/2020 12:08:57 PM

Lab ID: 2007021-006 **Collection Date:** 7/1/2020 2:00:00 PM
Client Sample ID: **209-PEX-75-7** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	22.2		mg/Kg-dry	1	7/3/2020 10:08:46 AM
Heavy Oil	ND	55.4		mg/Kg-dry	1	7/3/2020 10:08:46 AM
Surr: 2-Fluorobiphenyl	66.2	50 - 150		%Rec	1	7/3/2020 10:08:46 AM
Surr: o-Terphenyl	84.5	50 - 150		%Rec	1	7/3/2020 10:08:46 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	10.1	0.500		wt%	1	7/6/2020 12:08:57 PM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2007021-007 **Collection Date:** 7/1/2020 2:05:00 PM
Client Sample ID: **209-PEX-76-5** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	21.0		mg/Kg-dry	1	7/3/2020 10:38:29 AM
Heavy Oil	ND	52.5		mg/Kg-dry	1	7/3/2020 10:38:29 AM
Surr: 2-Fluorobiphenyl	71.8	50 - 150		%Rec	1	7/3/2020 10:38:29 AM
Surr: o-Terphenyl	86.1	50 - 150		%Rec	1	7/3/2020 10:38:29 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	7.97	0.500		wt%	1	7/6/2020 12:08:57 PM

Lab ID: 2007021-008 **Collection Date:** 7/1/2020 2:10:00 PM
Client Sample ID: **209-PEX-77-12** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	7/3/2020 11:08:17 AM
Heavy Oil	ND	52.0		mg/Kg-dry	1	7/3/2020 11:08:17 AM
Surr: 2-Fluorobiphenyl	72.6	50 - 150		%Rec	1	7/3/2020 11:08:17 AM
Surr: o-Terphenyl	87.7	50 - 150		%Rec	1	7/3/2020 11:08:17 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	7.03	0.500		wt%	1	7/6/2020 12:08:57 PM

CLIENT: O'Neill Service Group
Project: F200

Lab ID: 2007021-009 **Collection Date:** 7/1/2020 2:15:00 PM
Client Sample ID: **209-SP-13** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	660	19.3		mg/Kg-dry	1	7/3/2020 11:38:02 AM
Heavy Oil	ND	48.4		mg/Kg-dry	1	7/3/2020 11:38:02 AM
Surr: 2-Fluorobiphenyl	97.5	50 - 150		%Rec	1	7/3/2020 11:38:02 AM
Surr: o-Terphenyl	87.6	50 - 150		%Rec	1	7/3/2020 11:38:02 AM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	9.22	0.500		wt%	1	7/6/2020 12:08:57 PM

Lab ID: 2007021-010 **Collection Date:** 7/1/2020 2:16:00 PM
Client Sample ID: **209-SP-14** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 28883		Analyst: DW
Diesel (Fuel Oil)	4,530	229	D	mg/Kg-dry	10	7/6/2020 12:33:04 PM
Heavy Oil	ND	57.3		mg/Kg-dry	1	7/3/2020 12:07:53 PM
Surr: 2-Fluorobiphenyl	93.2	50 - 150		%Rec	1	7/3/2020 12:07:53 PM
Surr: o-Terphenyl	86.9	50 - 150		%Rec	1	7/3/2020 12:07:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R60279		Analyst: MM
Percent Moisture	16.1	0.500		wt%	1	7/6/2020 12:08:57 PM

Work Order: 2007021
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: 2007021-001ADUP	SampType: DUP			Units: mg/Kg-dry		Prep Date: 7/2/2020		RunNo: 60274			
Client ID: 209-PEX-70-7	Batch ID: 28883					Analysis Date: 7/3/2020		SeqNo: 1207248			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	22.0						0		30	
Heavy Oil	ND	55.0						0		30	
Surr: 2-Fluorobiphenyl	17.0		22.01		77.4	50	150		0		
Surr: o-Terphenyl	19.9		22.01		90.6	50	150		0		

Sample ID: MB-28883	SampType: MBLK			Units: mg/Kg		Prep Date: 7/2/2020		RunNo: 60274			
Client ID: MBLKS	Batch ID: 28883					Analysis Date: 7/3/2020		SeqNo: 1207260			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.2		20.00		76.2	50	150				
Surr: o-Terphenyl	18.3		20.00		91.5	50	150				

Sample ID: LCS-28883	SampType: LCS			Units: mg/Kg		Prep Date: 7/2/2020		RunNo: 60274			
Client ID: LCSS	Batch ID: 28883					Analysis Date: 7/3/2020		SeqNo: 1207261			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	496	20.0	500.0	0	99.1	65	135				
Surr: 2-Fluorobiphenyl	19.3		20.00		96.5	50	150				
Surr: o-Terphenyl	19.8		20.00		99.0	50	150				

Sample ID: 2006486-001ADUP	SampType: DUP			Units: mg/Kg		Prep Date: 7/2/2020		RunNo: 60274			
Client ID: BATCH	Batch ID: 28883					Analysis Date: 7/3/2020		SeqNo: 1207264			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.5						0		30	
Heavy Oil	2,700	48.8						2,645	1.92	30	E
Surr: 2-Fluorobiphenyl	21.9		19.51		112	50	150		0		

Work Order: 2007021
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2006486-001ADUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **7/2/2020** RunNo: **60274**
Client ID: **BATCH** Batch ID: **28883** Analysis Date: **7/3/2020** SeqNo: **1207264**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	23.9		19.51		122	50	150		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2006486-001AMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **7/2/2020** RunNo: **60274**
Client ID: **BATCH** Batch ID: **28883** Analysis Date: **7/3/2020** SeqNo: **1207266**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	575	19.0	476.2	4.429	120	65	135	657.9	13.5	30	
Surr: 2-Fluorobiphenyl	17.3		19.05		90.8	50	150		0		
Surr: o-Terphenyl	17.1		19.05		89.7	50	150		0		

Sample ID: **2006486-001AMS** SampType: **MS** Units: **mg/Kg** Prep Date: **7/2/2020** RunNo: **60274**
Client ID: **BATCH** Batch ID: **28883** Analysis Date: **7/6/2020** SeqNo: **1207451**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	658	18.1	452.5	4.429	144	65	135				S
Surr: 2-Fluorobiphenyl	21.9		18.10		121	50	150				
Surr: o-Terphenyl	22.6		18.10		125	50	150				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2007021**
Logged by:	**Clare Griggs**	Date Received:	**7/1/2020 5:23:00 PM**

Chain of Custody

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

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	0.9
Sample	2.0

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 7/1/20 Page: 1 of: 1

Laboratory Project No (internal): 2007021

Project Name: F209

Project No: 2021

Collected by: ATK, AJ

Location: F1209

Report To (PM): ATK, AJ

PM Email:

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: OSG

Address:

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PSX-20-7	7/1/20	1335	S					X									
2	-71-12		1340															
3	-72-5		1345															
4	-73-7		1350															
5	-74-7		1355															
6	-75-7		1400															
7	-76-5		1405															
8	-77-12		1410															
9	209-SP-13		1415															
10	209-SP-14		1416						X									

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☑ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	7/1/20 1710	x [signature]	7/1/20 @ 1723
Relinquished	Date/Time	Received	Date/Time
x		x	

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

O'Neill Service Group
Vance Atkins
17619 NE 67th Court, Suite 100
Redmond, WA 98052

RE: F200
Work Order Number: 2008222

August 20, 2020

Attention Vance Atkins:

Fremont Analytical, Inc. received 5 sample(s) on 8/17/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

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

Date: *08/20/2020*

CLIENT: O'Neill Service Group
Project: F200
Work Order: 2008222

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008222-001	209-PEX-78-10	08/17/2020 12:40 PM	08/17/2020 3:15 PM
2008222-002	209-PEX-79-16	08/17/2020 12:45 PM	08/17/2020 3:15 PM
2008222-003	209-PEX-80-14	08/17/2020 12:50 PM	08/17/2020 3:15 PM
2008222-004	209-PEX-81-12	08/17/2020 12:55 PM	08/17/2020 3:15 PM
2008222-005	209-PEX-82-14	08/17/2020 1:00 PM	08/17/2020 3:15 PM

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

Case Narrative

WO#: **2008222**
Date: **8/20/2020**

CLIENT: O'Neill Service Group
Project: F200

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 (<20%RSD, <20% Drift or minimum RRF)
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
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

Analytical Report

Work Order: **2008222**
Date Reported: **8/20/2020**

Client: O'Neill Service Group
Collection Date: 8/17/2020 12:40:00 PM
Project: F200
Lab ID: 2008222-001
Matrix: Soil
Client Sample ID: **209-PEX-78-10**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29391		Analyst: DW
Diesel (Fuel Oil)	ND	20.9		mg/Kg-dry	1	8/18/2020 11:53:22 PM
Heavy Oil	ND	52.3		mg/Kg-dry	1	8/18/2020 11:53:22 PM
Surr: 2-Fluorobiphenyl	88.7	50 - 150		%Rec	1	8/18/2020 11:53:22 PM
Surr: o-Terphenyl	87.8	50 - 150		%Rec	1	8/18/2020 11:53:22 PM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	4.74		mg/Kg-dry	1	8/18/2020 2:24:06 PM
Surr: Toluene-d8	96.6	65 - 135		%Rec	1	8/18/2020 2:24:06 PM
Surr: 4-Bromofluorobenzene	95.4	65 - 135		%Rec	1	8/18/2020 2:24:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0189		mg/Kg-dry	1	8/18/2020 2:24:06 PM
Toluene	ND	0.0189		mg/Kg-dry	1	8/18/2020 2:24:06 PM
Ethylbenzene	ND	0.0237		mg/Kg-dry	1	8/18/2020 2:24:06 PM
m,p-Xylene	ND	0.0474		mg/Kg-dry	1	8/18/2020 2:24:06 PM
o-Xylene	ND	0.0237		mg/Kg-dry	1	8/18/2020 2:24:06 PM
Surr: Dibromofluoromethane	95.4	83.3 - 111		%Rec	1	8/18/2020 2:24:06 PM
Surr: Toluene-d8	98.6	87.9 - 111		%Rec	1	8/18/2020 2:24:06 PM
Surr: 1-Bromo-4-fluorobenzene	99.4	85.1 - 111		%Rec	1	8/18/2020 2:24:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R61280		Analyst: SBM
Percent Moisture	6.65	0.500		wt%	1	8/20/2020 8:31:07 AM

Analytical Report

Work Order: **2008222**
Date Reported: **8/20/2020**

Client: O'Neill Service Group
Collection Date: 8/17/2020 12:45:00 PM
Project: F200
Lab ID: 2008222-002
Matrix: Soil
Client Sample ID: **209-PEX-79-16**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29391		Analyst: DW
Diesel (Fuel Oil)	1,510	18.6		mg/Kg-dry	1	8/19/2020 12:23:04 AM
Heavy Oil	ND	46.5		mg/Kg-dry	1	8/19/2020 12:23:04 AM
Surr: 2-Fluorobiphenyl	103	50 - 150		%Rec	1	8/19/2020 12:23:04 AM
Surr: o-Terphenyl	96.4	50 - 150		%Rec	1	8/19/2020 12:23:04 AM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	5.62		mg/Kg-dry	1	8/18/2020 3:24:21 PM
Surr: Toluene-d8	98.0	65 - 135		%Rec	1	8/18/2020 3:24:21 PM
Surr: 4-Bromofluorobenzene	171	65 - 135	S	%Rec	1	8/18/2020 3:24:21 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0225		mg/Kg-dry	1	8/18/2020 3:24:21 PM
Toluene	ND	0.0225		mg/Kg-dry	1	8/18/2020 3:24:21 PM
Ethylbenzene	ND	0.0281		mg/Kg-dry	1	8/18/2020 3:24:21 PM
m,p-Xylene	ND	0.0562		mg/Kg-dry	1	8/18/2020 3:24:21 PM
o-Xylene	ND	0.0281		mg/Kg-dry	1	8/18/2020 3:24:21 PM
Surr: Dibromofluoromethane	99.6	83.3 - 111		%Rec	1	8/18/2020 3:24:21 PM
Surr: Toluene-d8	96.4	87.9 - 111		%Rec	1	8/18/2020 3:24:21 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111		%Rec	1	8/18/2020 3:24:21 PM
Sample Moisture (Percent Moisture)				Batch ID: R61280		Analyst: SBM
Percent Moisture	7.94	0.500		wt%	1	8/20/2020 8:31:07 AM

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Analytical Report

Work Order: **2008222**
Date Reported: **8/20/2020**

Client: O'Neill Service Group
Collection Date: 8/17/2020 12:50:00 PM
Project: F200
Lab ID: 2008222-003
Matrix: Soil
Client Sample ID: **209-PEX-80-14**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29391		Analyst: DW
Diesel (Fuel Oil)	ND	18.8		mg/Kg-dry	1	8/19/2020 12:52:46 AM
Heavy Oil	ND	47.1		mg/Kg-dry	1	8/19/2020 12:52:46 AM
Surr: 2-Fluorobiphenyl	87.6	50 - 150		%Rec	1	8/19/2020 12:52:46 AM
Surr: o-Terphenyl	88.2	50 - 150		%Rec	1	8/19/2020 12:52:46 AM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	5.44		mg/Kg-dry	1	8/18/2020 3:54:27 PM
Surr: Toluene-d8	97.2	65 - 135		%Rec	1	8/18/2020 3:54:27 PM
Surr: 4-Bromofluorobenzene	104	65 - 135		%Rec	1	8/18/2020 3:54:27 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0218		mg/Kg-dry	1	8/18/2020 3:54:27 PM
Toluene	ND	0.0218		mg/Kg-dry	1	8/18/2020 3:54:27 PM
Ethylbenzene	ND	0.0272		mg/Kg-dry	1	8/18/2020 3:54:27 PM
m,p-Xylene	ND	0.0544		mg/Kg-dry	1	8/18/2020 3:54:27 PM
o-Xylene	ND	0.0272		mg/Kg-dry	1	8/18/2020 3:54:27 PM
Surr: Dibromofluoromethane	93.8	83.3 - 111		%Rec	1	8/18/2020 3:54:27 PM
Surr: Toluene-d8	96.0	87.9 - 111		%Rec	1	8/18/2020 3:54:27 PM
Surr: 1-Bromo-4-fluorobenzene	103	85.1 - 111		%Rec	1	8/18/2020 3:54:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R61280		Analyst: SBM
Percent Moisture	8.73	0.500		wt%	1	8/20/2020 8:31:07 AM

Analytical Report

Work Order: **2008222**
Date Reported: **8/20/2020**

Client: O'Neill Service Group
Collection Date: 8/17/2020 12:55:00 PM
Project: F200
Lab ID: 2008222-004
Matrix: Soil
Client Sample ID: **209-PEX-81-12**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29391		Analyst: DW
Diesel (Fuel Oil)	ND	21.0		mg/Kg-dry	1	8/19/2020 1:22:27 AM
Heavy Oil	ND	52.5		mg/Kg-dry	1	8/19/2020 1:22:27 AM
Surr: 2-Fluorobiphenyl	90.7	50 - 150		%Rec	1	8/19/2020 1:22:27 AM
Surr: o-Terphenyl	86.8	50 - 150		%Rec	1	8/19/2020 1:22:27 AM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	5.78		mg/Kg-dry	1	8/18/2020 4:24:34 PM
Surr: Toluene-d8	97.9	65 - 135		%Rec	1	8/18/2020 4:24:34 PM
Surr: 4-Bromofluorobenzene	99.9	65 - 135		%Rec	1	8/18/2020 4:24:34 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0231		mg/Kg-dry	1	8/18/2020 4:24:34 PM
Toluene	ND	0.0231		mg/Kg-dry	1	8/18/2020 4:24:34 PM
Ethylbenzene	ND	0.0289		mg/Kg-dry	1	8/18/2020 4:24:34 PM
m,p-Xylene	ND	0.0578		mg/Kg-dry	1	8/18/2020 4:24:34 PM
o-Xylene	ND	0.0289		mg/Kg-dry	1	8/18/2020 4:24:34 PM
Surr: Dibromofluoromethane	95.5	83.3 - 111		%Rec	1	8/18/2020 4:24:34 PM
Surr: Toluene-d8	96.7	87.9 - 111		%Rec	1	8/18/2020 4:24:34 PM
Surr: 1-Bromo-4-fluorobenzene	103	85.1 - 111		%Rec	1	8/18/2020 4:24:34 PM
Sample Moisture (Percent Moisture)				Batch ID: R61280		Analyst: SBM
Percent Moisture	9.93	0.500		wt%	1	8/20/2020 8:31:07 AM

Client: O'Neill Service Group **Collection Date:** 8/17/2020 1:00:00 PM
Project: F200
Lab ID: 2008222-005 **Matrix:** Soil
Client Sample ID: **209-PEX-82-14**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29391		Analyst: DW
Diesel (Fuel Oil)	ND	19.0		mg/Kg-dry	1	8/19/2020 1:52:15 AM
Heavy Oil	ND	47.5		mg/Kg-dry	1	8/19/2020 1:52:15 AM
Surr: 2-Fluorobiphenyl	88.6	50 - 150		%Rec	1	8/19/2020 1:52:15 AM
Surr: o-Terphenyl	86.3	50 - 150		%Rec	1	8/19/2020 1:52:15 AM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	5.11		mg/Kg-dry	1	8/18/2020 4:54:41 PM
Surr: Toluene-d8	97.2	65 - 135		%Rec	1	8/18/2020 4:54:41 PM
Surr: 4-Bromofluorobenzene	96.7	65 - 135		%Rec	1	8/18/2020 4:54:41 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0204		mg/Kg-dry	1	8/18/2020 4:54:41 PM
Toluene	ND	0.0204		mg/Kg-dry	1	8/18/2020 4:54:41 PM
Ethylbenzene	ND	0.0255		mg/Kg-dry	1	8/18/2020 4:54:41 PM
m,p-Xylene	ND	0.0511		mg/Kg-dry	1	8/18/2020 4:54:41 PM
o-Xylene	ND	0.0255		mg/Kg-dry	1	8/18/2020 4:54:41 PM
Surr: Dibromofluoromethane	95.6	83.3 - 111		%Rec	1	8/18/2020 4:54:41 PM
Surr: Toluene-d8	96.7	87.9 - 111		%Rec	1	8/18/2020 4:54:41 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111		%Rec	1	8/18/2020 4:54:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R61280		Analyst: SBM
Percent Moisture	7.71	0.500		wt%	1	8/20/2020 8:31:07 AM

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29391**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **MBLKS**	Batch ID: **29391**		Analysis Date: **8/18/2020**	SeqNo: **1228372**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.0		20.00		89.9	50	150				
Surr: o-Terphenyl	17.7		20.00		88.6	50	150				

Sample ID: **LCS-29391**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **LCSS**	Batch ID: **29391**		Analysis Date: **8/18/2020**	SeqNo: **1228373**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	520	20.0	500.0	0	104	65	135				
Surr: 2-Fluorobiphenyl	19.3		20.00		96.6	50	150				
Surr: o-Terphenyl	21.0		20.00		105	50	150				

Sample ID: **2008202-001ADUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **BATCH**	Batch ID: **29391**		Analysis Date: **8/18/2020**	SeqNo: **1228375**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	18.6						0		30	
Heavy Oil	ND	46.4						0		30	
Surr: 2-Fluorobiphenyl	16.7		18.55		90.2	50	150		0		
Surr: o-Terphenyl	16.3		18.55		88.1	50	150		0		

Sample ID: **2008204-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **BATCH**	Batch ID: **29391**		Analysis Date: **8/18/2020**	SeqNo: **1228382**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	627	23.7	592.5	0	106	65	135				
Surr: 2-Fluorobiphenyl	21.6		23.70		91.3	50	150				
Surr: o-Terphenyl	24.3		23.70		102	50	150				

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2008204-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **BATCH**	Batch ID: **29391**		Analysis Date: **8/18/2020**	SeqNo: **1228382**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2008222-005ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61239**
Client ID: **209-PEX-82-14**	Batch ID: **29391**		Analysis Date: **8/19/2020**	SeqNo: **1228392**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	18.7						0		30	
Heavy Oil	ND	46.8						0		30	
Surr: 2-Fluorobiphenyl	16.7		18.73		89.0	50	150		0		
Surr: o-Terphenyl	16.4		18.73		87.6	50	150		0		

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29383**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **LCSS**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228606**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.9	5.00	25.00	0	95.6	65	135				
Surr: Toluene-d8	1.26		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.28		1.250		103	65	135				

Sample ID: **MB-29383**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **MBLKS**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228607**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.21		1.250		96.9	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.6	65	135				

Sample ID: **2008202-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **BATCH**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228579**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.47						0		30	
Surr: Toluene-d8	1.08		1.117		97.0	65	135		0		
Surr: 4-Bromofluorobenzene	1.08		1.117		96.8	65	135		0		

Sample ID: **2008222-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **209-PEX-78-10**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228587**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.74						0		30	
Surr: Toluene-d8	1.15		1.184		96.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.15		1.184		97.0	65	135		0		

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2008222-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/18/2020** RunNo: **61244**
Client ID: **209-PEX-79-16** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228589**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	274	5.62	28.12	243.5	110	65	135				E
Surr: Toluene-d8	1.40		1.406		99.9	65	135				
Surr: 4-Bromofluorobenzene	2.42		1.406		172	65	135				S

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2008222-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/18/2020** RunNo: **61244**
Client ID: **209-PEX-79-16** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228590**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	271	5.62	28.12	243.5	97.1	65	135	274.3	1.30	30	E
Surr: Toluene-d8	1.40		1.406		99.4	65	135		0		
Surr: 4-Bromofluorobenzene	2.43		1.406		173	65	135		0		S

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29383** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **LCSS** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.01	0.0200	1.000	0	101	80.5	114				
Toluene	0.999	0.0200	1.000	0	99.9	79.6	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.07	0.0500	2.000	0	104	80.9	117				
o-Xylene	1.00	0.0250	1.000	0	100	80.8	114				
Surr: Dibromofluoromethane	1.26		1.250		101	83.3	111				
Surr: Toluene-d8	1.22		1.250		97.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	85.1	111				

Sample ID: **MB-29383** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **MBLKS** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.19		1.250		94.9	83.3	111				
Surr: Toluene-d8	1.21		1.250		97.2	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.7	85.1	111				

Sample ID: **2008202-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228525**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0179						0		30	
Toluene	ND	0.0179						0		30	
Ethylbenzene	ND	0.0223						0		30	

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008202-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61242**
Client ID: **BATCH**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228525**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.0447						0		30	
o-Xylene	ND	0.0223						0		30	
Surr: Dibromofluoromethane	1.08		1.117		96.3	83.3	111		0		
Surr: Toluene-d8	1.10		1.117		98.1	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.117		101	85.1	111		0		

Sample ID: **2008222-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61242**
Client ID: **209-PEX-78-10**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228535**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0189						0		30	
Toluene	ND	0.0189						0		30	
Ethylbenzene	ND	0.0237						0		30	
m,p-Xylene	ND	0.0474						0		30	
o-Xylene	ND	0.0237						0		30	
Surr: Dibromofluoromethane	1.13		1.184		95.7	83.3	111		0		
Surr: Toluene-d8	1.16		1.184		98.3	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.20		1.184		101	85.1	111		0		

Sample ID: **2008202-002BMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61242**
Client ID: **BATCH**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228527**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.810	0.0163	0.8157	0	99.4	76.7	119				
Toluene	0.825	0.0163	0.8157	0	101	74.7	119				
Ethylbenzene	0.832	0.0204	0.8157	0	102	77.1	120				
m,p-Xylene	1.68	0.0408	1.631	0	103	76.3	120				
o-Xylene	0.829	0.0204	0.8157	0	102	76.6	119				
Surr: Dibromofluoromethane	1.02		1.020		100	83.3	111				

Work Order: 2008222
CLIENT: O'Neill Service Group
Project: F200

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008202-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228527**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.993		1.020		97.4	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.05		1.020		103	85.1	111				

Sample ID: **2008202-002BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228528**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.758	0.0163	0.8157	0	92.9	76.7	119	0.8105	6.66	30	
Toluene	0.770	0.0163	0.8157	0	94.4	74.7	119	0.8246	6.87	30	
Ethylbenzene	0.780	0.0204	0.8157	0	95.6	77.1	120	0.8317	6.40	30	
m,p-Xylene	1.57	0.0408	1.631	0	96.0	76.3	120	1.684	7.18	30	
o-Xylene	0.791	0.0204	0.8157	0	97.0	76.6	119	0.8292	4.71	30	
Surr: Dibromofluoromethane	0.990		1.020		97.1	83.3	111		0		
Surr: Toluene-d8	0.981		1.020		96.2	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.02		1.020		100	85.1	111		0		

Sample Log-In Check List

Client Name:	**ONEILL**	Work Order Number:	**2008222**
Logged by:	**Carissa True**	Date Received:	**8/17/2020 3:15:00 PM**

Chain of Custody

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

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: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler 1	1.6
Sample 1	3.4

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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/17/20 Page: 1 of: 1

Laboratory Project No (internal): 2008722

Special Remarks:

Client: OSG

Project Name: FL209

Project No: B2021

Collected by: ATKins

Address:

Location: FL209 - N. Prod Line

City, State, Zip:

Report To (PM): ATKins

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	209-PSG-78-10	8/12/20	1240	S		X			X								
2	-79-16		1245														
3	-80-14		1250														
4	-81-12		1255														
5	-82-14		1300	S		X			✓								
6																	
7																	
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/17/20 1515	x [signature]	8/17/20 1515
Relinquished	Date/Time	Received	Date/Time
x		x	

APPENDIX D

Underground Storage Tank Memorandum

OSG O'Neill Service Group

Technical Memorandum

To: Andrea Scheele (Kiewit)
From: Vance Atkins, LG, LHG (OSG)
CC: Scott Darst (OSG)
Date: May 27, 2020
Project: Sound Transit Federal Way Link Extension (F200)
Subject: FL209 - Underground Storage Tank Investigation

It is our understanding that based on initial site investigations performed by Sound Transit there was a reasonable expectation underground storage tanks (USTs) may be present at the parcel based on its past history. Geophysical anomalies were identified in the central portion of the parcel south and southeast of the former garage building, but the signatures indicated buried debris and metallic waste, not USTs. During pre-remedial sampling and remedial activities, OSG performed a site inspection for the presence of underground storage tanks by an experienced and licensed Underground Storage Tank (UST) Site Assessor.

Buried debris was encountered during test pit excavation south of the former garage (PH209-12). Additionally, limited quantities of metallic debris were excavated during remedial activities in the central portion of the parcel. Parcel buildings and foundations have since been demolished. USTs were not encountered during these activities, and we have no reason to suspect that USTs remain on the property.

The investigation will be summarized in a Cleanup Action Report and submitted to Sound Transit for review.

APPENDIX E

Soil Disposal Information

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984286	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/6/20 2:13 pm	5/6/20 2:23 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,000 NET TONS 29.70 INBOUND
SCALE OUT TARE WEIGHT 39,600 NET WEIGHT 59,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.70	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984286 | CELL

WEIGHMASTER: Florence D.

DATE/TIME IN 5/6/20 2:13 pm | DATE/TIME OUT 5/6/20 2:23 pm

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,000 NET TONS 29.70 INBOUND
SCALE OUT TARE WEIGHT 39,600 NET WEIGHT 59,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.70	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984285	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/6/20 1:03 pm	5/6/20 1:15 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,160 NET TONS 30.76 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 61,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984285	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/6/20 1:03 pm	5/6/20 1:15 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,160 NET TONS 30.76 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 61,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43260

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA189
Container
Driver GREALIN THOMAS
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 09:53:46	Scale 1	kfunk2		Gross	116680 lb
Out	05/06/2020 09:53:46		kfunk2		Tare	41900 lb
					Net	74780 lb
					Tons	37.39

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	37.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	37.39	Tons				KING

Total Tax
Total Ticket

Driver`s Signature G. Thomas

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43263

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA179
Container
Driver STEVE MUTZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 10:13:15	Scale 1	kfunk2		Gross	109300 lb
Out	05/06/2020 10:13:15		kfunk2		Tare	44460 lb
					Net	64840 lb
					Tons	32.42

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.42	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.42	Tons				KING

Total Tax
Total Ticket

Driver`s Signature S. Mutz

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43267

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 10:49:13	Scale 1	kfunk2		Gross	104500 lb
Out	05/06/2020 10:49:13		kfunk2		Tare	42200 lb
					Net	62300 lb
					Tons	31.15

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.15	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.15	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43270

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 11:10:18	Scale 1	kfunk2		Gross	107180 lb
Out	05/06/2020 11:10:18		kfunk2		Tare	43420 lb
					Net	63760 lb
					Tons	31.88

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.88	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.88	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43271

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA189
Container
Driver GREALIN THOMAS
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 11:20:13	Scale 1	kfunk2		Gross	96200 lb
Out	05/06/2020 11:20:13		kfunk2		Tare	41900 lb
					Net	54300 lb
					Tons	27.15

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	27.15	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.15	Tons				KING

Total Tax
Total Ticket

Driver`s Signature G Thomas

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43272

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA179
Container
Driver STEVE MUTZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 11:24:08	Scale 1	kfunk2		Gross	100700 lb
Out	05/06/2020 11:24:08		kfunk2		Tare	44460 lb
					Net	56240 lb
					Tons	28.12

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.12	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.12	Tons				KING

Total Tax
Total Ticket

Driver`s Signature 

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43276

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 12:04:20	Scale 1	kfunk2		Gross	101900 lb
Out	05/06/2020 12:04:20		kfunk2		Tare	42200 lb
					Net	59700 lb
					Tons	29.85

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.85	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	29.85	Tons				

Total Tax
Total Ticket

Driver`s Signature 

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43282

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 12:31:19	Scale 1	kfunk2		Gross	112220 lb
Out	05/06/2020 12:31:19		kfunk2		Tare	43420 lb
					Net	68800 lb
					Tons	34.40

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.40	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	34.40	Tons				

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43283

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA189
Container
Driver GREALIN THOMAS
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 12:33:00	Scale 1	kfunk2		Gross	99300 lb
Out	05/06/2020 12:33:00		kfunk2		Tare	41900 lb
					Net	57400 lb
					Tons	28.70

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.70	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.70	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Thomas

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43285

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA179
Container
Driver STEVE MUTZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 12:48:49	Scale 1	kfunk2		Gross	109280 lb
Out	05/06/2020 12:48:49		kfunk2		Tare	44460 lb
					Net	64820 lb
					Tons	32.41

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.41	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	32.41	Tons				

Total Tax
Total Ticket

Driver`s Signature S. Mutz

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43288

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 13:09:42	Scale 1	kfunk2		Gross	102220 lb
Out	05/06/2020 13:09:42		kfunk2		Tare	42200 lb
					Net	60020 lb
					Tons	30.01

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.01	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.01	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43292

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 13:35:28	Scale 1	kfunk2		Gross	110200 lb
Out	05/06/2020 13:35:28		kfunk2		Tare	43420 lb
					Net	66780 lb
					Tons	33.39

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.39	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43294

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA189
Container
Driver GREALIN THOMAS
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 13:51:08	Scale 1	kfunk2		Gross	103820 lb
Out	05/06/2020 13:51:08		kfunk2		Tare	41900 lb
					Net	61920 lb
					Tons	30.96

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.96	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.96	Tons				KING

Total Tax
Total Ticket

Driver`s Signature G. Thomas

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43297

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA179
Container
Driver STEVE MUTZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 14:08:50	Scale 1	kfunk2		Gross	109760 lb
Out	05/06/2020 14:08:50		kfunk2		Tare	44460 lb
					Net	65300 lb
					Tons	32.65

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.65	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.65	Tons				KING

Total Tax
Total Ticket

Driver`s Signature S. Mutz

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43299

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 14:30:49	Scale 1	kfunk2		Gross	108460 lb
Out	05/06/2020 14:30:49		kfunk2		Tare	42200 lb
					Net	66260 lb
					Tons	33.13

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.13	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.13	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43300

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 14:38:52	Scale 1	kfunk2		Gross	114920 lb
Out	05/06/2020 14:38:52		kfunk2		Tare	43420 lb
					Net	71500 lb
					Tons	35.75

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.75	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	35.75	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43304

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA189
Container
Driver GREALIN THOMAS
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 15:04:52	Scale 1	kfunk2		Gross	113560 lb
Out	05/06/2020 15:04:52		kfunk2		Tare	41900 lb
					Net	71660 lb
					Tons	35.83

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.83	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	35.83	Tons				

Total Tax
Total Ticket

Driver`s Signature G. Thomas

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43306

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/06/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA179
Container
Driver STEVE MUTZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/06/2020 15:23:45	Scale 1	kfunk2		Gross	102820 lb
Out	05/06/2020 15:23:45		kfunk2		Tare	44460 lb
					Net	58360 lb
					Tons	29.18

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.18	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.18	Tons				KING

Total Tax
Total Ticket

Driver`s Signature S. Mutz

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984293	CELL
WEIGHMASTER	IN - Florence D. OUT - Kim L.	
DATE/TIME IN 5/7/20 8:42 am	DATE/TIME OUT 5/7/20 8:58 am	
VEHICLE 152 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 93,420 NET TONS 26.81
SCALE OUT TARE WEIGHT 39,800 NET WEIGHT 53,620

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.81	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Allen Curtis

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984295	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/7/20 8:48 am	5/7/20 9:20 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,340 NET TONS 31.54
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 63,080

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.54	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE LEONARD

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984296	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 9:03 am	5/7/20 9:24 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,840 NET TONS 30.89 INBOUND
SCALE OUT TARE WEIGHT 39,060 NET WEIGHT 61,780 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.89	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Jeff Sincic

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984297	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 9:05 am	5/7/20 9:31 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,160 NET TONS 32.18
SCALE OUT TARE WEIGHT 40,800 NET WEIGHT 64,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.18	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Edwin Quichocho

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984301	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 9:54 am	5/7/20 10:07 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,720 NET TONS 34.01 INBOUND
SCALE OUT TARE WEIGHT 39,700 NET WEIGHT 68,020 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.01	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Allen Curtis

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984303	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 10:14 am	5/7/20 10:25 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,780 NET TONS 36.27 INBOUND
SCALE OUT TARE WEIGHT 39,240 NET WEIGHT 72,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.27	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE LEONARD BALES

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984304	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 10:20 am	5/7/20 10:28 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 112,820 NET TONS 36.91 INBOUND
SCALE OUT TARE WEIGHT 39,000 NET WEIGHT 73,820 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.91	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE Jeff Sincici

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984305	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 10:35 am	5/7/20 10:43 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,620 NET TONS 31.93
SCALE OUT TARE WEIGHT 40,760 NET WEIGHT 63,860

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.93	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK# 348

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Edwin Quechoca

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984309	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 11:02 am	5/7/20 11:15 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,200 NET TONS 32.90
SCALE OUT TARE WEIGHT 39,400 NET WEIGHT 65,800

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.90	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Allen Curtis

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984312	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/7/20 11:19 am	5/7/20 11:28 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,100 NET TONS 35.97 INBOUND
SCALE OUT TARE WEIGHT 39,160 NET WEIGHT 71,940 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.97	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE LEONARD BATES

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984313	CELL
WEIGHMASTER	IN - Florence D. OUT - Kim L.	
DATE/TIME IN 5/7/20 11:24 am	DATE/TIME OUT 5/7/20 11:32 am	
VEHICLE 144 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 109,740 NET TONS 35.40 INBOUND
SCALE OUT TARE WEIGHT 38,940 NET WEIGHT 70,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.40	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Jeff Sinsic

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984314	CELL
WEIGHMASTER	IN - Florence D. OUT - Kim L.	
DATE/TIME IN 5/7/20 11:44 am		DATE/TIME OUT 5/7/20 11:51 am
VEHICLE 138 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 102,420 NET TONS 30.84
SCALE OUT TARE WEIGHT 40,740 NET WEIGHT 61,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE Edwin Quichocho

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984317	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 12:09 pm	5/7/20 12:18 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,920 NET TONS 32.17 INBOUND
SCALE OUT TARE WEIGHT 39,580 NET WEIGHT 64,340 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.17	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE Allan Curtis

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984318	CELL
WEIGHMASTER	IN - Florence D. OUT - Kelly F.	
DATE/TIME IN 5/7/20 12:20 pm	DATE/TIME OUT 5/7/20 12:29 pm	
VEHICLE 180 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 109,680 NET TONS 35.30 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 70,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.30	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Leonard Sales

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984321	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 12:38 pm	5/7/20 12:47 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,440 NET TONS 32.28 INBOUND
SCALE OUT TARE WEIGHT 38,880 NET WEIGHT 64,560 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.28	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Jeff Sincic

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984325	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 1:17 pm	5/7/20 1:32 pm

VEHICLE: 152 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 102,860 NET TONS 31.80 INBOUND
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 63,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.80	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Allan Curtis

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984326	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 1:29 pm	5/7/20 1:39 pm

VEHICLE: 180 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 102,540 NET TONS 31.75 INBOUND
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 63,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.75	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Lenard Sales

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984329	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/7/20 1:47 pm	DATE/TIME OUT 5/7/20 1:57 pm	
VEHICLE 144 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 107,520 NET TONS 34.22 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 68,440 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.22	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE JEFF S.

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984332	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/7/20 2:04 pm		DATE/TIME OUT 5/7/20 2:13 pm
VEHICLE 138 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 98,960 NET TONS 29.03 INBOUND
SCALE OUT TARE WEIGHT 40,900 NET WEIGHT 58,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.03	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE EDWIN Q.

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984334	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/7/20 2:34 pm		DATE/TIME OUT 5/7/20 2:56 pm
VEHICLE 152 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 98,320 NET TONS 29.53
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 59,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.53	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Allan Curtis

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984337	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 2:40 pm	5/7/20 3:05 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,200 NET TONS 31.09 INBOUND
SCALE OUT TARE WEIGHT 39,020 NET WEIGHT 62,180 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.09	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Leonard Baker

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984339	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 2:54 pm	5/7/20 3:10 pm

VEHICLE: 144 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 97,520 NET TONS 29.36 INBOUND
SCALE OUT TARE WEIGHT 38,800 NET WEIGHT 58,720 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.36	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Jeff Sincic

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984340	VOID984322

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 3:18 pm	5/7/20 3:18 pm

VEHICLE: 138 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

MANUAL IN GROSS WEIGHT 95,780 NET TONS 27.53
MANUAL OUT TARE WEIGHT 40,720 NET WEIGHT 55,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.53	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE Ed Quichocho

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984341	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/7/20 3:19 pm	5/7/20 3:27 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 97,060 NET TONS 28.20 INBOUND
SCALE OUT TARE WEIGHT 40,660 NET WEIGHT 56,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.20	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE Ed Quichocho

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43352

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 07:55:24	Scale 1	kfunk2		Gross	106580 lb
Out	05/08/2020 07:55:24		kfunk2		Tare	43420 lb
					Net	63160 lb
					Tons	31.58

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.58	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.58	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43354

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 08:03:36	Scale 1	kfunk2		Gross	105640 lb
Out	05/08/2020 08:03:36		kfunk2		Tare	42200 lb
					Net	63440 lb
					Tons	31.72

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.72	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.72	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43356

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA180
Container
Driver HOLLY STEELE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 08:19:39	Scale 1	kfunk2		Gross	116100 lb
Out	05/08/2020 08:19:39		kfunk2		Tare	42640 lb
					Net	73460 lb
					Tons	36.73

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	36.73	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	36.73	Tons				KING

Total Tax
Total Ticket

Driver`s Signature H. Steele

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43358

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA175
Container
Driver JAY DELOSREYES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 08:48:02	Scale 1	kfunk2		Gross	108080 lb
Out	05/08/2020 08:48:02		kfunk2		Tare	43380 lb
					Net	64700 lb
					Tons	32.35

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.35	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.35	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Delosreyes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43361

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 09:01:46	Scale 1	kfunk2		Gross	110200 lb
Out	05/08/2020 09:01:46		kfunk2		Tare	43420 lb
					Net	66780 lb
					Tons	33.39

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.39	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Chris Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43363

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 09:23:42	Scale 1	kfunk2		Gross	110720 lb
Out	05/08/2020 09:23:42		kfunk2		Tare	42200 lb
					Net	68520 lb
					Tons	34.26

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.26	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.26	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43371

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 10:08:13	Scale 1	kfunk2		Gross	107400 lb
Out	05/08/2020 10:08:13		kfunk2		Tare	43420 lb
					Net	63980 lb
					Tons	31.99

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.99	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.99	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43372

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA175
Container
Driver JAY DELOSREYES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 10:14:57	Scale 1	kfunk2		Gross	111620 lb
Out	05/08/2020 10:14:57		kfunk2		Tare	43380 lb
					Net	68240 lb
					Tons	34.12

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.12	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.12	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Delosreyes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43374

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 10:26:36	Scale 1	kfunk2		Gross	106220 lb
Out	05/08/2020 10:26:36		kfunk2		Tare	42200 lb
					Net	64020 lb
					Tons	32.01

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.01	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.01	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43380

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 11:12:27	Scale 1	kfunk2		Gross	107240 lb
Out	05/08/2020 11:12:27		kfunk2		Tare	43420 lb
					Net	63820 lb
					Tons	31.91

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.91	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.91	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43382

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 11:31:35	Scale 1	kfunk2		Gross	113000 lb
Out	05/08/2020 11:31:35		kfunk2		Tare	42200 lb
					Net	70800 lb
					Tons	35.40

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.40	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	35.40	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43383

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA175
Container
Driver JAY DELOSREYES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 11:33:35	Scale 1	kfunk2		Gross	117620 lb
Out	05/08/2020 11:33:35		kfunk2		Tare	43380 lb
					Net	74240 lb
					Tons	37.12

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	37.12	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	37.12	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Delosreyes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43391

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 12:16:22	Scale 1	kfunk2		Gross	108060 lb
Out	05/08/2020 12:16:22		kfunk2		Tare	43420 lb
					Net	64640 lb
					Tons	32.32

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.32	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.32	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43394

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 12:40:15	Scale 1	kfunk2		Gross	100720 lb
Out	05/08/2020 12:40:15		kfunk2		Tare	42200 lb
					Net	58520 lb
					Tons	29.26

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.26	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.26	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43396

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA175
Container
Driver JAY DELOSREYES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	100460 lb
In	05/08/2020 13:02:14	Scale 1	kfunk2		Tare	43380 lb
Out	05/08/2020 13:02:14		kfunk2		Net	57080 lb
					Tons	28.54

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.54	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.54	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Delorayes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43398

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 13:23:43	Scale 1	kfunk2		Gross	102640 lb
Out	05/08/2020 13:23:43		kfunk2		Tare	43420 lb
					Net	59220 lb
					Tons	29.61

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.61	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.61	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 43399

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 13:43:17	Scale 1	kfunk2		Gross	101780 lb
Out	05/08/2020 13:43:17		kfunk2		Tare	42200 lb
					Net	59580 lb
					Tons	29.79

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.79	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.79	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43402

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA175
Container
Driver JAY DELOSREYES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 14:18:16	Scale 1	kfunk2		Gross	109000 lb
Out	05/08/2020 14:18:16		kfunk2		Tare	43380 lb
					Net	65620 lb
					Tons	32.81

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.81	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.81	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Delosreyes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43403

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver CHRIS YANEZ
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 14:36:58	Scale 1	kfunk2		Gross	110180 lb
Out	05/08/2020 14:36:58		kfunk2		Tare	43420 lb
					Net	66760 lb
					Tons	33.38

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.38	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.38	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Yanez

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 43404

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/08/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA195
Container
Driver CAMERON RICE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/08/2020 14:51:57	Scale 1	kfunk2		Gross	105100 lb
Out	05/08/2020 14:51:57		kfunk2		Tare	42200 lb
					Net	62900 lb
					Tons	31.45

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.45	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.45	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Rice

Detail Contract Activity Report

All Ticket Types
History and Waiting
* - Confirmed Qty Applied to Billing

May 08, 2020 to May 10, 2020
Specific Contract(s) : 'TB-4608'

All Facilities

TB-4608

Ticket Date	Facility & Ticket Number	Customer	Truck	Material	Contract Rate		Billing Quantity	Ordered Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total
05/08/2020 I	01 984346	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	31.06 TN	0.00	$0.00	$0.00	[redacted]	$0.00	$[redacted]
05/08/2020 I	01 984352	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	30.03 TN	0.00	$0.00	$0.00	[redacted]	$0.00	[redacted]
05/08/2020 I	01 984358	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	31.14 TN	0.00	$0.00	$0.00	$[redacted]	$0.00	[redacted]
05/08/2020 I	01 984363	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	35.29 TN	0.00	$0.00	$0.00	[redacted]	$0.00	[redacted]
05/08/2020 I	01 984369	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	33.10 TN	0.00	$0.00	$0.00	[redacted]	$0.00	[redacted]
05/08/2020 I	01 984374	012976 - KLB Construction Inc	154 KLB	SW-CONT W/FUEL	[redacted]	F	34.81 TN	0.00	$0.00	$0.00	[redacted]	$0.00	[redacted]

Tickets Reported: 6 Items Reported: 6 Contract Totals: [redacted] $0.00 [redacted]

Material Summary	Weight Inbound	Weight Outbound	Volume Inbound	Volume Outbound	Count Inbound	Count Outbound	Billing Quantity	Material Total	Tax Total	Total
VH - SW-CONT W/FUEL	195.43	0.00 TN	0.00	0.00 YD	0.00	0.00	195.43 TN	[redacted]	$0.00	$[redacted]

Cash Totals:	$0.00	$0.00	$0.00
Invoice Totals:	$[redacted]	$0.00	[redacted]
Report Totals:	$[redacted]	$0.00	$[redacted]

Tickets Reported: 6 Items Reported: 6

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43447

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 09:09:34	Scale 1	kfunk2		Gross	110660 lb
Out	05/11/2020 09:26:20	Scale 1	kfunk2		Tare	42180 lb
					Net	68480 lb
					Tons	34.24

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.24	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.24	Tons				KING

Total Tax
Total Ticket

Driver's Signature J Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43491

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 11:32:50	Scale 1	kfunk2		Gross	113180 lb
Out	05/11/2020 11:32:50		kfunk2		Tare	42180 lb
					Net	71000 lb
					Tons	35.50

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.50	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	35.50	Tons				

Total Tax
Total Ticket

Driver's Signature J Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43471

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 10:27:41	Scale 1	kfunk2		Gross	102460 lb
Out	05/11/2020 10:27:41		kfunk2		Tare	42180 lb
					Net	60280 lb
					Tons	30.14

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.14	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.14	Tons				KING

Total Tax
Total Ticket

Driver's Signature J. Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43545

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 15:00:11	Scale 1	kfunk2		Gross	112740 lb
Out	05/11/2020 15:00:11		kfunk2		Tare	42180 lb
					Net	70560 lb
					Tons	35.28

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.28	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	35.28	Tons				KING

Total Tax
Total Ticket

Driver's Signature J. Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43511

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 12:43:41	Scale 1	kfunk2		Gross	109680 lb
Out	05/11/2020 12:43:41		kfunk2		Tare	42180 lb
					Net	67500 lb
					Tons	33.75

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.75	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.75	Tons				KING

Total Tax
Total Ticket

Driver's Signature J. Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43530

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA186
Container
Driver JEFF HILL
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 13:51:24	Scale 1	kfunk2		Gross	109480 lb
Out	05/11/2020 13:51:24		kfunk2		Tare	42180 lb
					Net	67300 lb
					Tons	33.65

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.65	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.65	Tons				KING

Total Tax
Total Ticket

Driver's Signature J Hill

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43455

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	104640 lb
In	05/11/2020 09:39:59	Scale 1	kfunk2		Tare	45500 lb
Out	05/11/2020 09:39:59		kfunk2		Net	59140 lb
					Tons	29.57

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.57	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	29.57	Tons				

Total Tax
Total Ticket

R Bailey

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43435

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 08:31:24	Scale 1	kfunk2		Gross	106840 lb
Out	05/11/2020 08:41:57	Scale 1	kfunk2		Tare	45500 lb
					Net	61340 lb
					Tons	30.67

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.67	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.67	Tons				KING

Total Tax
Total Ticket

R. Bailey

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43475

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 10:39:38	Scale 1	kfunk2		Gross	108820 lb
Out	05/11/2020 10:39:38		kfunk2		Tare	45500 lb
					Net	63320 lb
					Tons	31.66

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.66	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.66	Tons				KING

Total Tax
Total Ticket

Driver's Signature R. Bailey

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43495

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 11:38:08	Scale 1	kfunk2		Gross	107660 lb
Out	05/11/2020 11:38:08		kfunk2		Tare	45500 lb
					Net	62160 lb
					Tons	31.08

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.08	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.08	Tons				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43517

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	109640 lb
In	05/11/2020 13:08:05	Scale 1	kfunk2		Tare	45500 lb
Out	05/11/2020 13:08:05		kfunk2		Net	64140 lb
					Tons	32.07

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.07	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	32.07	Tons				

Total Tax
Total Ticket

Driver's Signature R. Bailey

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43534

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 14:10:20	Scale 1	kfunk2		Gross	110940 lb
Out	05/11/2020 14:10:20		kfunk2		Tare	45500 lb
					Net	65440 lb
					Tons	32.72

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.72	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.72	Tons				KING

Total Tax
Total Ticket

R Bailey

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43547

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA198
Container
Driver ROBERT BAILEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	112220 lb
In	05/11/2020 15:13:46	Scale 1	kfunk2		Tare	45500 lb
Out	05/11/2020 15:13:46		kfunk2		Net	66720 lb
					Tons	33.36

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.36	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.36	Tons				KING

Total Tax
Total Ticket

Driver's Signature R. Barley

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43449

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 09:29:00	Scale 1	kfunk2		Gross	98460 lb
Out	05/11/2020 09:29:00		kfunk2		Tare	42300 lb
					Net	56160 lb
					Tons	28.08

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.08	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	28.08	Tons				

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43432

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 08:22:32	Scale 1	kfunk2		Gross	104400 lb
Out	05/11/2020 08:36:55	Scale 1	kfunk2		Tare	42300 lb
					Net	62100 lb
					Tons	31.05

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.05	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.05	Tons				KING

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43543

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 14:44:59	Scale 1	kfunk2		Gross	100760 lb
Out	05/11/2020 14:44:59		kfunk2		Tare	42300 lb
					Net	58460 lb
					Tons	29.23

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	29.23	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	29.23	Tons				KING

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43525

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	104880 lb
In	05/11/2020 13:39:18	Scale 1	kfunk2		Tare	42300 lb
Out	05/11/2020 13:39:18		kfunk2		Net	62580 lb
					Tons	31.29

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.29	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.29	Tons				KING

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43508

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	105800 lb
In	05/11/2020 12:36:58	Scale 1	kfunk2		Tare	42300 lb
Out	05/11/2020 12:36:58		kfunk2		Net	63500 lb
					Tons	31.75

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.75	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.75	Tons				KING

Total Tax
Total Ticket

Driver's Signature S. Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43492

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 11:34:13	Scale 1	kfunk2		Gross	104560 lb
Out	05/11/2020 11:34:13		kfunk2		Tare	42300 lb
					Net	62260 lb
					Tons	31.13

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.13	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.13	Tons				KING

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43472

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA202
Container
Driver SHAWN HANNA
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 10:28:58	Scale 1	kfunk2		Gross	96920 lb
Out	05/11/2020 10:28:58		kfunk2		Tare	42300 lb
					Net	54620 lb
					Tons	27.31

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	27.31	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.31	Tons				KING

Total Tax
Total Ticket

Driver's Signature S Hanna

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43433

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 08:24:26	Scale 1	kfunk2		Gross	103560 lb
Out	05/11/2020 08:38:09	Scale 1	kfunk2		Tare	42220 lb
					Net	61340 lb
					Tons	30.67

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.67	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.67	Tons				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43552

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 15:29:17	Scale 1	kfunk2		Gross	102620 lb
Out	05/11/2020 15:29:17		kfunk2		Tare	42220 lb
					Net	60400 lb
					Tons	30.20

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.20	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.20	Tons				KING

Total Tax
Total Ticket

Driver's Signature D. Foster

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43453

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 09:35:49	Scale 1	kfunk2		Gross	98380 lb
Out	05/11/2020 09:35:49		kfunk2		Tare	42220 lb
					Net	56160 lb
					Tons	28.08

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.08	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.08	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Foster

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43473

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	104480 lb
In	05/11/2020 10:35:27	Scale 1	kfunk2		Tare	42220 lb
Out	05/11/2020 10:35:27		kfunk2		Net	62260 lb
					Tons	31.13

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.13	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.13	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Foster

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43494

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 11:36:43	Scale 1	kfunk2		Gross	104600 lb
Out	05/11/2020 11:36:43		kfunk2		Tare	42220 lb
					Net	62380 lb
					Tons	31.19

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.19	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	31.19	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Foster

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43516

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	108300 lb
In	05/11/2020 13:05:52	Scale 1	kfunk2		Tare	42220 lb
Out	05/11/2020 13:05:52		kfunk2		Net	66080 lb
					Tons	33.04

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.04	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.04	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Durant

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43535

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/11/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA203
Container
Driver DERON FOSTER
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/11/2020 14:17:47	Scale 1	kfunk2		Gross	102580 lb
Out	05/11/2020 14:17:47		kfunk2		Tare	42220 lb
					Net	60360 lb
					Tons	30.18

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.18	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.18	Tons				KING

Total Tax
Total Ticket

Driver's Signature D. Foster

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43593

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA185
Container
Driver DIMICHO ALBERT
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 09:33:45	Scale 1	kfunk2		Gross	92160 lb
Out	05/12/2020 09:33:45		kfunk2		Tare	38020 lb
					Net	54140 lb
					Tons	27.07

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	27.07	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	27.07	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Albert

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43576

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA185
Container
Driver DIMICHO ALBERT
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	86400 lb
In	05/12/2020 08:20:19	Scale 1	kfunk2		Tare	38020 lb
Out	05/12/2020 08:31:03	Scale 1	kfunk2		Net	48380 lb
					Tons	24.19

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	24.19	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	24.19	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Abert

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 156829

Ph: 206 763 5025

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF HAULER *
Vehicle# 185
Container
Driver DIMICHO ALBERT
Check#
Billing# 0000708
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	86900 lb*
In	05/12/2020 10:45:03	SCALE 1	galtheim		Tare	38020 lb*
Out	05/12/2020 10:45:03		galtheim		Net	48880 lb
			* Manual Weight		Tons	24.44

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	24.44	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	24.44	Tons				KING

Total Tax
Total Ticket

Driver's Signature Dimicho

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 156834

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF HAULER *
Vehicle# 185
Container
Driver DIMICHO ALBERT
Check#
Billing# 0000708
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 12:00:54	SCALE 1	galtheim		Gross	84260 lb
Out	05/12/2020 12:00:54		galtheim		Tare	38020 lb
					Net	46240 lb
					Tons	23.12

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	23.12	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	23.12	Tons				

Total Tax
Total Ticket

Driver's Signature Dimicho

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 156839

Ph: 206 763 5025

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF HAULER *
Vehicle# 185
Container
Driver DIMICHO ALBERT
Check#
Billing# 0000708
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 13:38:45	SCALE 1	galtheim		Gross	95280 lb
Out	05/12/2020 13:38:45		galtheim		Tare	38020 lb
					Net	57260 lb
					Tons	28.63

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.63	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	28.63	Tons				KING

Total Tax
Total Ticket

Driver's Signature Dimicho

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 156838

Ph: 206 763 5025

Customer Name	OMA CONSTRUCTION INC 115175WA	Carrier	SELF HAULER *
Ticket Date	05/12/2020	Vehicle#	197
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE SWANSON
Route	AK	Check#	
Hauling Ticket#		Billing#	0000708
Destination		Grid	
PO#	115175WA		

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 13:11:12	SCALE 1	galtheim		Gross	103500 lb
Out	05/12/2020 13:11:12		galtheim		Tare	41340 lb
					Net	62160 lb
					Tons	31.08

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	31.08	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	31.08	Tons				KING

Total Tax
Total Ticket

Driver's Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 156833

Ph: 206 763 5025

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF HAULER *
Vehicle# 197
Container
Driver DAVE SWANSON
Check#
Billing# 0000708
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 11:58:06	SCALE 1	galtheim		Gross	82060 lb
Out	05/12/2020 11:58:06		galtheim		Tare	41340 lb
					Net	40720 lb
					Tons	20.36

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	20.36	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GONDOLA T-GONDOLA TON	100	20.36	Tons				

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43579

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA197
Container
Driver DAVID SWANSON
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 08:27:28	Scale 1	kfunk2		Gross	87480 lb
Out	05/12/2020 08:39:27	Scale 1	kfunk2		Tare	41340 lb
					Net	46140 lb
					Tons	23.07

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	23.07	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	23.07	Tons				KING

Total Tax
Total Ticket

Driver's Signature D. Swanson

WASTE MANAGEMENT

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Original
Ticket# 43592

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA197
Container
Driver DAVID SWANSON
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	05/12/2020 09:31:12	Scale 1	kfunk2		Gross	94620 lb
Out	05/12/2020 09:31:12		kfunk2		Tare	41340 lb
					Net	53280 lb
					Tons	26.64

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	26.64	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	26.64	Tons				KING

Total Tax
Total Ticket

Driver's Signature D Swanson

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 156828

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 05/12/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF HAULER *
Vehicle# 197
Container
Driver DAVE SWANSON
Check#
Billing# 0000708
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	88280 lb*
In	05/12/2020 10:38:51	SCALE 1	galtheim		Tare	41340 lb*
Out	05/12/2020 10:38:51		galtheim		Net	46940 lb
			* Manual Weight		Tons	23.47

Comments OMA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	23.47	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GONDOLA T-GONDOLA TON	100	23.47	Tons				KING

Total Tax
Total Ticket

Driver's Signature Dave

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984699	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/20/20 3:15 pm	5/20/20 3:15 pm

VEHICLE: 180 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 110,600 NET TONS 35.58 INBOUND
TARE OUT TARE WEIGHT 39,440 NET WEIGHT 71,160 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.58	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Leonard

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984702	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/20/20 4:06 pm	5/20/20 4:06 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 95,420 NET TONS 28.29 INBOUND
TARE OUT TARE WEIGHT 38,840 NET WEIGHT 56,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.29	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Caramie

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984703	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/20/20 4:13 pm	5/20/20 4:13 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,100 NET TONS 32.83 INBOUND
TARE OUT TARE WEIGHT 39,440 NET WEIGHT 65,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.83	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Leonard Baker

SITE **REGIONAL DISPOSAL INTERMODAL --**
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984691	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/20/20 1:39 pm	DATE/TIME OUT 5/20/20 1:39 pm	
VEHICLE 134 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 106,260 NET TONS 33.71 INBOUND
TARE OUT TARE WEIGHT 38,840 NET WEIGHT 67,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.71	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Caramae C

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984692	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/20/20 1:48 pm		DATE/TIME OUT 5/20/20 1:48 pm
VEHICLE 180 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 112,800 NET TONS 36.68
TARE OUT TARE WEIGHT 39,440 NET WEIGHT 73,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.68	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE Leonard

RS-F042UPR (07/12)

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984696	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/20/20 2:52 pm		DATE/TIME OUT 5/20/20 2:52 pm
VEHICLE 134 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 97,000 NET TONS 29.08 INBOUND
TARE OUT TARE WEIGHT 38,840 NET WEIGHT 58,160 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.08	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Caramie C.

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45786

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA188
Container
Driver JOHN PETTEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	121300 lb
In	07/13/2020 08:22:37	Scale 1	kfunk2		Tare	42140 lb
Out	07/13/2020 08:42:47	Scale 1	kfunk2		Net	79160 lb
					Tons	39.58

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	39.58	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	39.58	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45787

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA183
Container
Driver MARK WILSON
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 08:35:50	Scale 1	kfunk2		Gross	114440 lb
Out	07/13/2020 08:35:50		kfunk2		Tare	46500 lb
					Net	67940 lb
					Tons	33.97

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.97	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	33.97	Tons				

Total Tax
Total Ticket

Driver`s Signature M. Wilson

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45788

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA171
Container
Driver DOMINIC STEELE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 08:38:51	Scale 1	kfunk2		Gross	110620 lb
Out	07/13/2020 08:38:51		kfunk2		Tare	42500 lb
					Net	68120 lb
					Tons	34.06

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.06	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.06	Tons				KING

Total Tax
Total Ticket

Driver`s Signature D. Steele

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45790

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA137
Container
Driver BRUCE BYRD
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 08:52:38	Scale 1	kfunk2		Gross	113820 lb
Out	07/13/2020 08:52:38		kfunk2		Tare	42720 lb
					Net	71100 lb
					Tons	35.55

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.55	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	35.55	Tons				KING

Total Tax
Total Ticket

Driver`s Signature B. Byrd

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45791

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver TORRIE HOLMES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 08:54:43	Scale 1	kfunk2		Gross	110900 lb
Out	07/13/2020 08:54:43		kfunk2		Tare	43420 lb
					Net	67480 lb
					Tons	33.74

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.74	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.74	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Torrie Holmes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45793

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA166
Container
Driver CHRIS FRANK
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	Tare	Net	Tons
In	07/13/2020 09:03:11	Scale 1	kfunk2		116100 lb	44580 lb	71520 lb	35.76
Out	07/13/2020 09:03:11		kfunk2					

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	35.76	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	35.76	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Chris Frank

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45799

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA188
Container
Driver JOHN PETTEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 09:44:27	Scale 1	kfunk2		Gross	108920 lb
Out	07/13/2020 09:44:27		kfunk2		Tare	42140 lb
					Net	66780 lb
					Tons	33.39

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	33.39	Tons				

Total Tax
Total Ticket

Driver`s Signature J. Pettey

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45801

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA183
Container
Driver MARK WILSON
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 09:54:56	Scale 1	kfunk2		Gross	106980 lb
Out	07/13/2020 09:54:56		kfunk2		Tare	46500 lb
					Net	60480 lb
					Tons	30.24

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.24	Tons				KING
2	EVF-P6-Environmental Fee	100		%				
3	GOND TON-GONDOLA PER TON	100	30.24	Tons				

Total Tax
Total Ticket

Driver`s Signature M Wilson

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45802

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA137
Container
Driver BRUCE BYRD
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 09:59:26	Scale 1	kfunk2		Gross	108540 lb
Out	07/13/2020 09:59:26		kfunk2		Tare	42720 lb
					Net	65820 lb
					Tons	32.91

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.91	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.91	Tons				KING

Total Tax
Total Ticket

Driver`s Signature B. Byrd

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45803

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA173
Container
Driver TORRIE HOLMES
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 10:01:03	Scale 1	kfunk2		Gross	108960 lb
Out	07/13/2020 10:01:03		kfunk2		Tare	43420 lb
					Net	65540 lb
					Tons	32.77

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	32.77	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	32.77	Tons				KING

Total Tax
Total Ticket

Driver`s Signature T. Holmes

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45805

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA171
Container
Driver DOMINIC STEELE
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 10:10:00	Scale 1	kfunk2		Gross	109260 lb
Out	07/13/2020 10:10:00		kfunk2		Tare	42500 lb
					Net	66760 lb
					Tons	33.38

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	33.38	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	33.38	Tons				KING

Total Tax
Total Ticket

Driver`s Signature D. Steele

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45807

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA166
Container
Driver CHRIS FRANK
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 10:24:44	Scale 1	kfunk2		Gross	113440 lb
Out	07/13/2020 10:24:44		kfunk2		Tare	44580 lb
					Net	68860 lb
					Tons	34.43

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	34.43	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	34.43	Tons				KING

Total Tax
Total Ticket

Driver`s Signature C. Frank

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Ph: 206-694-0600

Reprint
Ticket# 45808

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA188
Container
Driver JOHN PETTEY
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound	Gross	102920 lb
In	07/13/2020 10:53:23	Scale 1	kfunk2		Tare	42140 lb
Out	07/13/2020 10:53:23		kfunk2		Net	60780 lb
					Tons	30.39

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	30.39	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	30.39	Tons				KING

Total Tax
Total Ticket

Driver`s Signature J. Pettey

8th Ave Reload
7400 8th Ave S
Seattle, WA, 98108

Reprint
Ticket# 45810

Ph: 206-694-0600

Customer Name OMA CONSTRUCTION INC 115175WA
Ticket Date 07/13/2020
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 115175WA

Carrier SELF SELF
Vehicle# OMA183
Container
Driver MARK WILSON
Check#
Billing# 0000340
Grid

Volume

	Time	Scale	Operator	Inbound		
In	07/13/2020 11:10:00	Scale 1	kfunk2		Gross	103580 lb
Out	07/13/2020 11:10:00		kfunk2		Tare	46500 lb
					Net	57080 lb
					Tons	28.54

Comments OMA-KF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP RGCPCS-Tons-E	100	28.54	Tons				KING
2	EVF-P6-Environmental Fee	100		%				KING
3	GOND TON-GONDOLA PER TON	100	28.54	Tons				KING

Total Tax
Total Ticket

Driver`s Signature M. Wilson

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984691	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/20/20 1:39 pm	DATE/TIME OUT 5/20/20 1:39 pm	
VEHICLE 134 KLB	CONTAINER	
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 106,260 NET TONS 33.71 INBOUND
TARE OUT TARE WEIGHT 38,840 NET WEIGHT 67,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.71	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE Caramae C

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01	TICKET # 984692	CELL
WEIGHMASTER	Florence D.	
DATE/TIME IN 5/20/20 1:48 pm		DATE/TIME OUT 5/20/20 1:48 pm
VEHICLE 180 KLB		CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 112,800 NET TONS 36.68
TARE OUT TARE WEIGHT 39,440 NET WEIGHT 73,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.68	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE Leonard

RS-F042UPR (07/12)

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984286	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/6/20 2:13 pm	5/6/20 2:23 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,000 NET TONS 29.70 INBOUND
SCALE OUT TARE WEIGHT 39,600 NET WEIGHT 59,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.70	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984286 | CELL

WEIGHMASTER: Florence D.

DATE/TIME IN 5/6/20 2:13 pm | DATE/TIME OUT 5/6/20 2:23 pm

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,000 NET TONS 29.70 INBOUND
SCALE OUT TARE WEIGHT 39,600 NET WEIGHT 59,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.70	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984285	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/6/20 1:03 pm	5/6/20 1:15 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,160 NET TONS 30.76 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 61,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984285	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/6/20 1:03 pm	5/6/20 1:15 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,160 NET TONS 30.76 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 61,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984505	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 8:13 am	5/14/20 8:26 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,800 NET TONS 31.87 INBOUND
SCALE OUT TARE WEIGHT 40,060 NET WEIGHT 63,740 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.87	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984505 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/14/20 8:13 am | DATE/TIME OUT 5/14/20 8:26 am

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,800 NET TONS 31.87 INBOUND
SCALE OUT TARE WEIGHT 40,060 NET WEIGHT 63,740 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.87	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984510	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 9:25 am	5/14/20 9:25 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 106,480 NET TONS 33.21 INBOUND
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 66,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.21	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984510 | CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 9:25 am | DATE/TIME OUT 5/14/20 9:25 am
VEHICLE 152 KLB | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 106,480 NET TONS 33.21 INBOUND
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 66,420 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.21	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

1047

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984518	

WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 10:34 am
DATE/TIME OUT: 5/14/20 10:34 am
VEHICLE: 152 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 102,600 NET TONS 31.27 INBOUND
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 62,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.27	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984518 | CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 10:34 am | DATE/TIME OUT 5/14/20 10:34 am
VEHICLE 152 KLB | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 102,600 NET TONS 31.27 INBOUND
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 62,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.27	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984528	

WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 11:44 am
DATE/TIME OUT: 5/14/20 11:44 am
VEHICLE: 152 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 105,480 NET TONS 32.71
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 65,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.71	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984528 | CELL
WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 11:44 am
DATE/TIME OUT: 5/14/20 11:44 am
VEHICLE: 152 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 105,480 NET TONS 32.71
TARE OUT TARE WEIGHT 40,060 NET WEIGHT 65,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.71	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

1047

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984506	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 8:14 am	5/14/20 8:28 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,820 NET TONS 32.30 INBOUND
SCALE OUT TARE WEIGHT 39,220 NET WEIGHT 64,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.30	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984506 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/14/20 8:14 am | DATE/TIME OUT 5/14/20 8:28 am

VEHICLE 144 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,820 NET TONS 32.30 INBOUND
SCALE OUT TARE WEIGHT 39,220 NET WEIGHT 64,600 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.30	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984530	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 11:52 am	5/14/20 11:52 am

VEHICLE: 144 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 107,280 NET TONS 34.03 INBOUND
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 68,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.03	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 TICKET # 984530 CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 11:52 am DATE/TIME OUT 5/14/20 11:52 am
VEHICLE 144 KLB CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 107,280 NET TONS 34.03 INBOUND
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 68,060 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.03	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984520	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 10:45 am	5/14/20 10:45 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 109,460 NET TONS 35.12 INBOUND
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 70,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.12	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 TICKET # 984520 CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 10:45 am DATE/TIME OUT 5/14/20 10:45 am
VEHICLE 144 KLB CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 109,460 NET TONS 35.12 INBOUND
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 70,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.12	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984511	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 9:29 am	5/14/20 9:29 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,920 NET TONS 36.35
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 72,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.35	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984511	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 9:29 am	5/14/20 9:29 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,920 NET TONS 36.35
TARE OUT TARE WEIGHT 39,220 NET WEIGHT 72,700

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.35	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984507	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 8:27 am	5/14/20 8:39 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,260 NET TONS 30.56
SCALE OUT TARE WEIGHT 42,140 NET WEIGHT 61,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.56	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984507 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/14/20 8:27 am | DATE/TIME OUT 5/14/20 8:39 am

VEHICLE 138 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,260 NET TONS 30.56
SCALE OUT TARE WEIGHT 42,140 NET WEIGHT 61,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.56	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984512	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 9:37 am	5/14/20 9:37 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,160 NET TONS 31.51 INBOUND
TARE OUT TARE WEIGHT 42,140 NET WEIGHT 63,020 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.51	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 TICKET # 984512 CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 9:37 am DATE/TIME OUT 5/14/20 9:37 am
VEHICLE 138 KLB CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 105,160 NET TONS 31.51 INBOUND
TARE OUT TARE WEIGHT 42,140 NET WEIGHT 63,020 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.51	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984522	

WEIGHMASTER: Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 11:01 am	5/14/20 11:01 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN	GROSS WEIGHT	103,980	NET TONS	30.92	INBOUND
TARE OUT	TARE WEIGHT	42,140	NET WEIGHT	61,840	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.92	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984522 | CELL

WEIGHMASTER: Kim L.

DATE/TIME IN 5/14/20 11:01 am | DATE/TIME OUT 5/14/20 11:01 am

VEHICLE 138 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,980 NET TONS 30.92 INBOUND
TARE OUT TARE WEIGHT 42,140 NET WEIGHT 61,840 INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
30.92 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984532	

WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 12:15 pm
DATE/TIME OUT: 5/14/20 12:15 pm
VEHICLE: 138 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 95,660 NET TONS 26.76 INBOUND
TARE OUT TARE WEIGHT 42,140 NET WEIGHT 53,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984532 | CELL
WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 12:15 pm
DATE/TIME OUT: 5/14/20 12:15 pm
VEHICLE: 138 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 95,660 NET TONS 26.76 INBOUND
TARE OUT TARE WEIGHT 42,140 NET WEIGHT 53,520 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.76	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984504	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 8:12 am	5/14/20 8:21 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,780 NET TONS 31.93 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 63,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.93	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984504 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/14/20 8:12 am | DATE/TIME OUT 5/14/20 8:21 am

VEHICLE 134 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,780 NET TONS 31.93 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 63,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.93	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984509	

WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 9:24 am
DATE/TIME OUT: 5/14/20 9:24 am
VEHICLE: 134 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 96,380 NET TONS 28.73 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 57,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.73	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984509 | CELL
WEIGHMASTER: Florence D.
DATE/TIME IN 5/14/20 9:24 am
DATE/TIME OUT 5/14/20 9:24 am
VEHICLE 134 KLB
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 96,380 NET TONS 28.73 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 57,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.73	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984521	

WEIGHMASTER: Florence D.
DATE/TIME IN: 5/14/20 10:51 am
DATE/TIME OUT: 5/14/20 10:51 am
VEHICLE: 134 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 98,380 NET TONS 29.73 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 59,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.73	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984521 | CELL
WEIGHMASTER Florence D.
DATE/TIME IN 5/14/20 10:51 am
DATE/TIME OUT 5/14/20 10:51 am
VEHICLE 134 KLB
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 98,380 NET TONS 29.73 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 59,460 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.73	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

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CHECK#

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

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PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984531	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 12:14 pm	5/14/20 12:14 pm

VEHICLE: 134 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 102,960 NET TONS 32.02 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 64,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.02	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984531	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 12:14 pm	5/14/20 12:14 pm

VEHICLE: 134 KLB
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 102,960 NET TONS 32.02 INBOUND
TARE OUT TARE WEIGHT 38,920 NET WEIGHT 64,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.02	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984525	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 11:29 am	5/14/20 11:29 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 109,080 NET TONS 34.52 INBOUND
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 69,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984525	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 11:29 am	5/14/20 11:29 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 109,080 NET TONS 34.52 INBOUND
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 69,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984516	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 10:18 am	5/14/20 10:18 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,280 NET TONS 31.62
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 63,240

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.62	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984516	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/14/20 10:18 am	5/14/20 10:18 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,280 NET TONS 31.62
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 63,240

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.62	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984508	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/14/20 9:13 am	DATE/TIME OUT 5/14/20 9:13 am
VEHICLE	180 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 109,720 NET TONS 34.84 INBOUND
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 69,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984508	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/14/20 9:13 am	DATE/TIME OUT 5/14/20 9:13 am
VEHICLE	180 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 109,720 NET TONS 34.84 INBOUND
TARE OUT TARE WEIGHT 40,040 NET WEIGHT 69,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984501	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/14/20 8:02 am	5/14/20 8:10 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,760 NET TONS 31.86 INBOUND
SCALE OUT TARE WEIGHT 40,040 NET WEIGHT 63,720 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.86	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984501 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/14/20 8:02 am | DATE/TIME OUT 5/14/20 8:10 am

VEHICLE 180 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,760 NET TONS 31.86 INBOUND
SCALE OUT TARE WEIGHT 40,040 NET WEIGHT 63,720 INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
31.86 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984426	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/12/20 12:10 pm	5/12/20 12:20 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 92,160 NET TONS 26.52 INBOUND
SCALE OUT TARE WEIGHT 39,120 NET WEIGHT 53,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984426 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN 5/12/20 12:10 pm | DATE/TIME OUT 5/12/20 12:20 pm

VEHICLE 180 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 92,160 NET TONS 26.52 INBOUND
SCALE OUT TARE WEIGHT 39,120 NET WEIGHT 53,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984401	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 7:57 am	5/12/20 8:06 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,860 NET TONS 30.25 INBOUND
SCALE OUT TARE WEIGHT 39,360 NET WEIGHT 60,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.25	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984401	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 7:57 am	5/12/20 8:06 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 99,860 NET TONS 30.25 INBOUND
SCALE OUT TARE WEIGHT 39,360 NET WEIGHT 60,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.25	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984407	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 9:02 am	5/12/20 9:13 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,720 NET TONS 31.72
SCALE OUT TARE WEIGHT 39,280 NET WEIGHT 63,440

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.72	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984407 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/12/20 9:02 am | DATE/TIME OUT 5/12/20 9:13 am

VEHICLE 180 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,720 NET TONS 31.72
SCALE OUT TARE WEIGHT 39,280 NET WEIGHT 63,440

INBOUND
INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
31.72 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984412	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 10:06 am	5/12/20 10:18 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,780 NET TONS 31.19
SCALE OUT TARE WEIGHT 39,400 NET WEIGHT 62,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984412	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 10:06 am	5/12/20 10:18 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,780 NET TONS 31.19
SCALE OUT TARE WEIGHT 39,400 NET WEIGHT 62,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984420	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 11:10 am	5/12/20 11:17 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 94,800 NET TONS 27.81 INBOUND
SCALE OUT TARE WEIGHT 39,180 NET WEIGHT 55,620 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.81	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984420	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 11:10 am	5/12/20 11:17 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 94,800 NET TONS 27.81 INBOUND
SCALE OUT TARE WEIGHT 39,180 NET WEIGHT 55,620 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.81	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984423	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 11:21 am	5/12/20 11:30 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 97,840 NET TONS 29.45 INBOUND
SCALE OUT TARE WEIGHT 38,940 NET WEIGHT 58,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.45	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984423 | CELL
WEIGHMASTER: IN - Florence D. OUT - Kim L.
DATE/TIME IN 5/12/20 11:21 am | DATE/TIME OUT 5/12/20 11:30 am
VEHICLE 144 KLB | CONTAINER
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 97,840 NET TONS 29.45 INBOUND
SCALE OUT TARE WEIGHT 38,940 NET WEIGHT 58,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.45	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984415	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/12/20 10:17 am	DATE/TIME OUT 5/12/20 10:24 am
VEHICLE	144 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 99,440 NET TONS 30.09 INBOUND
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 60,180 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.09	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984415	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/12/20 10:17 am	DATE/TIME OUT 5/12/20 10:24 am
VEHICLE	144 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 99,440 NET TONS 30.09 INBOUND
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 60,180 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.09	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984408	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 9:11 am	5/12/20 9:22 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 108,700 NET TONS 34.83 INBOUND
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 69,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.83	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984408	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 9:11 am	5/12/20 9:22 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 108,700 NET TONS 34.83 INBOUND
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 69,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.83	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984403	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 8:02 am	5/12/20 8:15 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,660 NET TONS 32.29 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 64,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.29	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984403	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 8:02 am	5/12/20 8:15 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,660 NET TONS 32.29 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 64,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.29	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984427	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/12/20 12:23 pm	5/12/20 12:31 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 95,220 NET TONS 28.15 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 56,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.15	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984427 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN 5/12/20 12:23 pm | DATE/TIME OUT 5/12/20 12:31 pm

VEHICLE 144 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 95,220 NET TONS 28.15 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 56,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.15	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
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CHANGE
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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984400	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 7:47 am	5/12/20 7:58 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,600 NET TONS 31.84 INBOUND
SCALE OUT TARE WEIGHT 40,920 NET WEIGHT 63,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE
It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984400	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 7:47 am	5/12/20 7:58 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

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SCALE OUT TARE WEIGHT 40,920 NET WEIGHT 63,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

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It's the Right Thing!

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984406	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 9:01 am	5/12/20 9:08 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 99,920 NET TONS 29.51
SCALE OUT TARE WEIGHT 40,900 NET WEIGHT 59,020

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.51	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984406	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 9:01 am	5/12/20 9:08 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 99,920 NET TONS 29.51
SCALE OUT TARE WEIGHT 40,900 NET WEIGHT 59,020

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.51	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
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REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984410	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 10:05 am	5/12/20 10:13 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,360 NET TONS 29.74
SCALE OUT TARE WEIGHT 40,880 NET WEIGHT 59,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
29.74	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984410 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/12/20 10:05 am | DATE/TIME OUT 5/12/20 10:13 am

VEHICLE 138 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,360 NET TONS 29.74
SCALE OUT TARE WEIGHT 40,880 NET WEIGHT 59,480

INBOUND
INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
29.74 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984421	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 11:17 am	5/12/20 11:23 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 90,600 NET TONS 24.88
SCALE OUT TARE WEIGHT 40,840 NET WEIGHT 49,760

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.88	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984421	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/12/20 11:17 am	5/12/20 11:23 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 90,600 NET TONS 24.88
SCALE OUT TARE WEIGHT 40,840 NET WEIGHT 49,760

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
24.88	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984428	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/12/20 12:24 pm	5/12/20 12:34 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 87,660 NET TONS 23.39
SCALE OUT TARE WEIGHT 40,880 NET WEIGHT 46,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.39	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984428 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN 5/12/20 12:24 pm | DATE/TIME OUT 5/12/20 12:34 pm

VEHICLE 138 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 87,660 NET TONS 23.39
SCALE OUT TARE WEIGHT 40,880 NET WEIGHT 46,780

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.39	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984497	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:50 pm	5/13/20 3:00 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,500 NET TONS 34.23
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 68,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.23	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984497	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:50 pm	5/13/20 3:00 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,500 NET TONS 34.23
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 68,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.23	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984445	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:12 am	5/13/20 8:24 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,460 NET TONS 32.65 INBOUND
SCALE OUT TARE WEIGHT 39,160 NET WEIGHT 65,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.65	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984445	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:12 am	5/13/20 8:24 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,460 NET TONS 32.65 INBOUND
SCALE OUT TARE WEIGHT 39,160 NET WEIGHT 65,300 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.65	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984458	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 9:22 am	5/13/20 9:43 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 108,760 NET TONS 34.84 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 69,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984458 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/13/20 9:22 am | DATE/TIME OUT 5/13/20 9:43 am

VEHICLE 144 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 108,760 NET TONS 34.84 INBOUND
SCALE OUT TARE WEIGHT 39,080 NET WEIGHT 69,680 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.84	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984468	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:34 am	5/13/20 10:40 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,400 NET TONS 36.19
SCALE OUT TARE WEIGHT 39,020 NET WEIGHT 72,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984468	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:34 am	5/13/20 10:40 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 111,400 NET TONS 36.19
SCALE OUT TARE WEIGHT 39,020 NET WEIGHT 72,380

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
36.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984475	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 11:42 am	5/13/20 11:51 am

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,340 NET TONS 33.19 INBOUND
SCALE OUT TARE WEIGHT 38,960 NET WEIGHT 66,380 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984475 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/13/20 11:42 am | DATE/TIME OUT 5/13/20 11:51 am

VEHICLE 144 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,340 NET TONS 33.19 INBOUND
SCALE OUT TARE WEIGHT 38,960 NET WEIGHT 66,380 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.19	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984484	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:44 pm	5/13/20 12:49 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 110,480 NET TONS 35.79
SCALE OUT TARE WEIGHT 38,900 NET WEIGHT 71,580

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984484	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:44 pm	5/13/20 12:49 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 110,480 NET TONS 35.79
SCALE OUT TARE WEIGHT 38,900 NET WEIGHT 71,580

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984489	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:42 pm	5/13/20 1:48 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,060 NET TONS 33.10 INBOUND
SCALE OUT TARE WEIGHT 38,860 NET WEIGHT 66,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.10	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984489	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:42 pm	5/13/20 1:48 pm

VEHICLE	CONTAINER
144 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,060 NET TONS 33.10 INBOUND
SCALE OUT TARE WEIGHT 38,860 NET WEIGHT 66,200 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.10	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984443	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:02 am	5/13/20 8:14 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,280 NET TONS 32.82 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 65,640 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.82	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984443	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:02 am	5/13/20 8:14 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,280 NET TONS 32.82 INBOUND
SCALE OUT TARE WEIGHT 39,640 NET WEIGHT 65,640 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.82	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984455	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 9:10 am	5/13/20 9:30 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,360 NET TONS 33.94 INBOUND
SCALE OUT TARE WEIGHT 39,480 NET WEIGHT 67,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.94	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984455 | CELL
WEIGHMASTER: IN - Florence D. OUT - Kim L.
DATE/TIME IN 5/13/20 9:10 am | DATE/TIME OUT 5/13/20 9:30 am
VEHICLE 180 KLB | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 107,360 NET TONS 33.94 INBOUND
SCALE OUT TARE WEIGHT 39,480 NET WEIGHT 67,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.94	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing

NET AMOUNT
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CHANGE
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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984466	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:23 am	5/13/20 10:32 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT	107,000	NET TONS	33.79		INBOUND
SCALE OUT TARE WEIGHT	39,420	NET WEIGHT	67,580		INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984466	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:23 am	5/13/20 10:32 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT	107,000	NET TONS	33.79		INBOUND
SCALE OUT TARE WEIGHT	39,420	NET WEIGHT	67,580		INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984474	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 11:26 am	5/13/20 11:32 am

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,700 NET TONS 34.16 INBOUND
SCALE OUT TARE WEIGHT 39,380 NET WEIGHT 68,320 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.16	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984474 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/13/20 11:26 am | DATE/TIME OUT 5/13/20 11:32 am

VEHICLE 180 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,700 NET TONS 34.16 INBOUND
SCALE OUT TARE WEIGHT 39,380 NET WEIGHT 68,320 INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
34.16 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984482	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:30 pm	5/13/20 12:38 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,920 NET TONS 30.79 INBOUND
SCALE OUT TARE WEIGHT 39,340 NET WEIGHT 61,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984482 | CELL

WEIGHMASTER: Kelly F.

DATE/TIME IN 5/13/20 12:30 pm | DATE/TIME OUT 5/13/20 12:38 pm

VEHICLE 180 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,920 NET TONS 30.79 INBOUND
SCALE OUT TARE WEIGHT 39,340 NET WEIGHT 61,580 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.79	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984488	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:35 pm	5/13/20 1:42 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 104,080 NET TONS 32.39 INBOUND
SCALE OUT TARE WEIGHT 39,300 NET WEIGHT 64,780 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.39	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				



NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984488	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:35 pm	5/13/20 1:42 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 104,080 NET TONS 32.39 INBOUND
SCALE OUT TARE WEIGHT 39,300 NET WEIGHT 64,780 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.39	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				



NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984496	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:41 pm	5/13/20 2:57 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 108,120 NET TONS 34.45 INBOUND
SCALE OUT TARE WEIGHT 39,220 NET WEIGHT 68,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.45	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984496	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:41 pm	5/13/20 2:57 pm

VEHICLE	CONTAINER
180 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 108,120 NET TONS 34.45 INBOUND
SCALE OUT TARE WEIGHT 39,220 NET WEIGHT 68,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.45	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
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CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984495	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:38 pm	5/13/20 2:47 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 106,920 NET TONS 32.75 INBOUND
SCALE OUT TARE WEIGHT 41,420 NET WEIGHT 65,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.75	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984495	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:38 pm	5/13/20 2:47 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 106,920 NET TONS 32.75 INBOUND
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QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.75	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984448	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/13/20 8:19 am	DATE/TIME OUT 5/13/20 8:39 am
VEHICLE	138 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 97,040 NET TONS 27.93 INBOUND
SCALE OUT TARE WEIGHT 41,180 NET WEIGHT 55,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.93	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE

REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984448	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/13/20 8:19 am	DATE/TIME OUT 5/13/20 8:39 am
VEHICLE	138 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 97,040 NET TONS 27.93 INBOUND
SCALE OUT TARE WEIGHT 41,180 NET WEIGHT 55,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
27.93	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984461	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 9:45 am	5/13/20 9:53 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 103,460 NET TONS 31.07 INBOUND
SCALE OUT TARE WEIGHT 41,320 NET WEIGHT 62,140 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.07	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984461 | CELL
WEIGHMASTER: IN - Florence D. OUT - Kim L.
DATE/TIME IN 5/13/20 9:45 am | DATE/TIME OUT 5/13/20 9:53 am
VEHICLE 138 KLB | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 103,460 NET TONS 31.07 INBOUND
SCALE OUT TARE WEIGHT 41,320 NET WEIGHT 62,140 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.07	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
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CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984471	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:53 am	5/13/20 11:03 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,880 NET TONS 30.28
SCALE OUT TARE WEIGHT 41,320 NET WEIGHT 60,560

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.28	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984471	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:53 am	5/13/20 11:03 am

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,880 NET TONS 30.28
SCALE OUT TARE WEIGHT 41,320 NET WEIGHT 60,560

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.28	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984480	

WEIGHMASTER: IN - Kelly F. OUT - Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:13 pm	5/13/20 12:25 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,660 NET TONS 30.59
SCALE OUT TARE WEIGHT 41,480 NET WEIGHT 61,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.59	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984480	

WEIGHMASTER: IN - Kelly F. OUT - Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:13 pm	5/13/20 12:25 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 102,660 NET TONS 30.59
SCALE OUT TARE WEIGHT 41,480 NET WEIGHT 61,180

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.59	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984487	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:28 pm	5/13/20 1:34 pm

VEHICLE	CONTAINER
138 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 104,740 NET TONS 31.64
SCALE OUT TARE WEIGHT 41,460 NET WEIGHT 63,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.64	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984487 | CELL

WEIGHMASTER: Florence D.

DATE/TIME IN 5/13/20 1:28 pm | DATE/TIME OUT 5/13/20 1:34 pm

VEHICLE 138 KLB | CONTAINER

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 104,740 NET TONS 31.64
SCALE OUT TARE WEIGHT 41,460 NET WEIGHT 63,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.64	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
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REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984447	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/13/20 8:14 am	DATE/TIME OUT 5/13/20 8:38 am
VEHICLE	152 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 102,760 NET TONS 31.40 INBOUND
SCALE OUT TARE WEIGHT 39,960 NET WEIGHT 62,800 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.40	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
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REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984447	
WEIGHMASTER	Florence D.	
DATE/TIME IN	5/13/20 8:14 am	DATE/TIME OUT 5/13/20 8:38 am
VEHICLE	152 KLB	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 102,760 NET TONS 31.40 INBOUND
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QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.40	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984459	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 9:30 am	5/13/20 9:49 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 110,360 NET TONS 35.24 INBOUND
SCALE OUT TARE WEIGHT 39,880 NET WEIGHT 70,480 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
35.24	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984459 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/13/20 9:30 am | DATE/TIME OUT 5/13/20 9:49 am

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 110,360 NET TONS 35.24 INBOUND
SCALE OUT TARE WEIGHT 39,880 NET WEIGHT 70,480 INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL
0.00 YD Tracking QTY
35.24 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984469	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:39 am	5/13/20 10:50 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,040 NET TONS 33.61 INBOUND
SCALE OUT TARE WEIGHT 39,820 NET WEIGHT 67,220 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.61	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984469	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:39 am	5/13/20 10:50 am

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,040 NET TONS 33.61 INBOUND
SCALE OUT TARE WEIGHT 39,820 NET WEIGHT 67,220 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.61	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
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CHANGE
CHECK#

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REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984476	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 11:46 am	5/13/20 12:00 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,720 NET TONS 33.01
SCALE OUT TARE WEIGHT 39,700 NET WEIGHT 66,020

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.01	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984476 | CELL

WEIGHMASTER: Florence D.

DATE/TIME IN 5/13/20 11:46 am | DATE/TIME OUT 5/13/20 12:00 pm

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,720 NET TONS 33.01
SCALE OUT TARE WEIGHT 39,700 NET WEIGHT 66,020

INBOUND
INVOICE

QTY. | UNIT | DESCRIPTION | RATE | EXTENSION | TAX | TOTAL

0.00 YD Tracking QTY
33.01 tn SW-CONT W/FUEL Origin:SEA-TAC/KING 100%

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

1047

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984485	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:56 pm	5/13/20 1:06 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,360 NET TONS 34.05
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 68,100

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.05	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984485 | CELL

WEIGHMASTER: Kelly F.

DATE/TIME IN 5/13/20 12:56 pm | DATE/TIME OUT 5/13/20 1:06 pm

VEHICLE 152 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 107,360 NET TONS 34.05
SCALE OUT TARE WEIGHT 39,260 NET WEIGHT 68,100

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
34.05	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984498	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 3:13 pm	5/13/20 3:20 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 105,800 NET TONS 33.12 INBOUND
SCALE OUT TARE WEIGHT 39,560 NET WEIGHT 66,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.12	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984498	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 3:13 pm	5/13/20 3:20 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 105,800 NET TONS 33.12 INBOUND
SCALE OUT TARE WEIGHT 39,560 NET WEIGHT 66,240 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.12	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

1047

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984492	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:04 pm	5/13/20 2:11 pm

VEHICLE	CONTAINER
152 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 106,660 NET TONS 33.52 INBOUND
SCALE OUT TARE WEIGHT 39,620 NET WEIGHT 67,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984492 | CELL
WEIGHMASTER: Florence D.
DATE/TIME IN 5/13/20 2:04 pm | DATE/TIME OUT 5/13/20 2:11 pm
VEHICLE 152 KLB | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 106,660 NET TONS 33.52 INBOUND
SCALE OUT TARE WEIGHT 39,620 NET WEIGHT 67,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.52	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

SAFETY LIVE It's the Right Thing!

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

1047

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984486	

WEIGHMASTER: IN - Kelly F. OUT - Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:18 pm	5/13/20 1:32 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,680 NET TONS 31.36
SCALE OUT TARE WEIGHT 37,960 NET WEIGHT 62,720

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.36	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984486	

WEIGHMASTER: IN - Kelly F. OUT - Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 1:18 pm	5/13/20 1:32 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,680 NET TONS 31.36
SCALE OUT TARE WEIGHT 37,960 NET WEIGHT 62,720

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.36	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984493	

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 2:33 pm	5/13/20 2:43 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 101,880 NET TONS 31.48 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 62,960 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.48	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984493 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kelly F.

DATE/TIME IN 5/13/20 2:33 pm | DATE/TIME OUT 5/13/20 2:43 pm

VEHICLE 134 KLB | CONTAINER

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 101,880 NET TONS 31.48 INBOUND
SCALE OUT TARE WEIGHT 38,920 NET WEIGHT 62,960 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
31.48	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

1047

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984478	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:01 pm	5/13/20 12:14 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,060 NET TONS 32.55 INBOUND
SCALE OUT TARE WEIGHT 38,960 NET WEIGHT 65,100 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.55	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984478	

WEIGHMASTER: Kelly F.

DATE/TIME IN	DATE/TIME OUT
5/13/20 12:01 pm	5/13/20 12:14 pm

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 104,060 NET TONS 32.55 INBOUND
SCALE OUT TARE WEIGHT 38,960 NET WEIGHT 65,100 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.55	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984470	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:49 am	5/13/20 11:01 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,860 NET TONS 30.92
SCALE OUT TARE WEIGHT 39,020 NET WEIGHT 61,840

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.92	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984470	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 10:49 am	5/13/20 11:01 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 100,860 NET TONS 30.92
SCALE OUT TARE WEIGHT 39,020 NET WEIGHT 61,840

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.92	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984457	

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN	DATE/TIME OUT
5/13/20 9:20 am	5/13/20 9:40 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,900 NET TONS 33.43 INBOUND
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 66,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.43	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE 01 | TICKET # 984457 | CELL

WEIGHMASTER: IN - Florence D. OUT - Kim L.

DATE/TIME IN 5/13/20 9:20 am | DATE/TIME OUT 5/13/20 9:40 am

VEHICLE 134 KLB | CONTAINER

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 105,900 NET TONS 33.43 INBOUND
SCALE OUT TARE WEIGHT 39,040 NET WEIGHT 66,860 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
33.43	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984444	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:08 am	5/13/20 8:22 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,080 NET TONS 30.99
SCALE OUT TARE WEIGHT 39,100 NET WEIGHT 61,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.99	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL --
3rd and lander -Seattle, WA

CUSTOMER
012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158
Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	984444	

WEIGHMASTER: Florence D.

DATE/TIME IN	DATE/TIME OUT
5/13/20 8:08 am	5/13/20 8:22 am

VEHICLE	CONTAINER
134 KLB	

REFERENCE

BILL OF LADING

SCALE IN GROSS WEIGHT 101,080 NET TONS 30.99
SCALE OUT TARE WEIGHT 39,100 NET WEIGHT 61,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.99	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (07/12)

SIGNATURE _____

All Ticket Types
Current Tickets Only

Detail Customer Activity Report

August 17, 2020 to August 17, 2020
Specific Customer(s) : 012976

All Facilities

012976- KLB Construction Inc

Ticket Date	Facility & Ticket Number	Contract	Truck #	Container	Material	Material Rate	Billing Quantity	Material Total	Tax Total	Total
08/17/2020	I 01 986977	TB-4608	106 KLB		SW-CONT W/FUEL	53.00 F	28.02 TN	$1,485.06	$0.00	$1,485.06
08/17/2020	I 01 986978	TB-4608	152 KLB		SW-CONT W/FUEL	53.00 F	32.58 TN	$1,726.74	$0.00	$1,726.74
08/17/2020	I 01 986981	TB-4608	106 KLB		SW-CONT W/FUEL	53.00 F	26.11 TN	$1,383.83	$0.00	$1,383.83
08/17/2020	I 01 986983	TB-4608	152 KLB		SW-CONT W/FUEL	53.00 F	30.25 TN	$1,603.25	$0.00	$1,603.25
08/17/2020	I 01 986987	TB-4608	106 KLB		SW-CONT W/FUEL	53.00 F	27.23 TN	$1,443.19	$0.00	$1,443.19
08/17/2020	I 01 986988	TB-4608	152 KLB		SW-CONT W/FUEL	53.00 F	32.77 TN	$1,736.81	$0.00	$1,736.81
08/17/2020	I 01 986994	TB-4608	106 KLB		SW-CONT W/FUEL	53.00 F	23.44 TN	$1,242.32	$0.00	$1,242.32

Tickets Reported: 7 Items Reported: 7 Customer Totals: $10,621.20 $0.00 $10,621.20

Material Summary	Weight Inbound	Weight Outbound	Volume Inbound	Volume Outbound	Count Inbound	Count Outbound	Billing Quantity	Material Total	Tax Total	Total
VH - SW-CONT W/FUEL	200.40	0.00 TN	0.00	0.00 YD	0.00	0.00	200.40 TN	$10,621.20	$0.00	$10,621.20

Tickets Reported: 7 Items Reported: 7

Cash Totals:			
Invoice Totals:	$10,621.20	$0.00	$10,621.20
Report Totals:	$10,621.20	$0.00	$10,621.20

SITE **REGIONAL DISPOSAL INTERMODAL 425-977-4127**
3rd and lander Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	986977	

WEIGHMASTER: IN - Karyn B. OUT - Florence D.

DATE/TIME IN	DATE/TIME OUT
8/17/20 8:43 am	8/17/20 8:54 am

VEHICLE: 106 KLB

CONTAINER:

REFERENCE:

BILL OF LADING:

SCALE IN	GROSS WEIGHT	94,400	NET TONS	28.02
SCALE OUT	TARE WEIGHT	38,360	NET WEIGHT	56,040

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
28.02	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature Nick

NET AMOUNT

TENDERED

CHANGE

CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

SITE
REGIONAL DISPOSAL INTERMODAL 425-977-4127
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE 01	TICKET # 986978	CELL	
WEIGHMASTER	IN - Karyn B. OUT - Florence D.		
DATE/TIME IN	8/17/20 9:01 am	DATE/TIME OUT	8/17/20 9:10 am
VEHICLE	152 KLB	CONTAINER	
REFERENCE			
BILL OF LADING			

SCALE IN	GROSS WEIGHT	104,700	NET TONS	32.58
SCALE OUT	TARE WEIGHT	39,540	NET WEIGHT	65,160

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.58	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature Scottie L.

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE _____

SITE **REGIONAL DISPOSAL INTERMODAL 425-977-4127**
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE 01	TICKET # 986981	CELL	
WEIGHMASTER	Karyn B.		
DATE/TIME IN	8/17/20 10:05 am	DATE/TIME OUT	8/17/20 10:05 am
VEHICLE	106 KLB	CONTAINER	
REFERENCE			
BILL OF LADING			

SCALE IN	GROSS WEIGHT	90,580	NET TONS 26.11	INBOUND
TARE OUT	TARE WEIGHT	38,360	NET WEIGHT 52,220	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
26.11	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature_____

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE Nick

SITE **REGIONAL DISPOSAL INTERMODAL 425-977-4127**
3rd and lander -Seattle, WA

CUSTOMER 012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE 01	TICKET # 986983	CELL	
WEIGHMASTER	Karyn B.		
DATE/TIME IN	8/17/20 10:17 am	DATE/TIME OUT	8/17/20 10:17 am
VEHICLE	152 KLB	CONTAINER	
REFERENCE			
BILL OF LADING			

SCALE IN GROSS WEIGHT 100,040 NET TONS 30.25 INBOUND
TARE OUT TARE WEIGHT 39,540 NET WEIGHT 60,500 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
30.25	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature_____

NET AMOUNT
TENDERED
CHANGE
CHECK#

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RS-F042UPR (04/19)

SIGNATURE Scottie

SITE

REGIONAL DISPOSAL INTERMODAL 425-977-4127
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	986987	

WEIGHMASTER: Karyn B.

DATE/TIME IN: 8/17/20 11:18 am

DATE/TIME OUT: 8/17/20 11:18 am

VEHICLE: 106 KLB

CONTAINER:

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 92,820 NET TONS 27.23 INBOUND
TARE OUT TARE WEIGHT 38,360 NET WEIGHT 54,460 INVOICE

QTY.	UNIT	DESCRIPTION		RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY					
27.23	tn	SW-CONT W/FUEL	Origin:SEA-TAC/KING 100%				

Signature _____

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE _____

RS-F042UPR (04/19)

SITE

REGIONAL DISPOSAL INTERMODAL 425-977-4127
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	986988	

WEIGHMASTER: Karyn B.

DATE/TIME IN: 8/17/20 11:27 am

DATE/TIME OUT: 8/17/20 11:27 am

VEHICLE: 152 KLB

CONTAINER:

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 105,080 NET TONS 32.77
TARE OUT TARE WEIGHT 39,540 NET WEIGHT 65,540

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
32.77	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature_____

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE Scott

SITE

REGIONAL DISPOSAL INTERMODAL 425-977-4127
3rd and lander Seattle, WA

CUSTOMER

012976
KLB Construction Inc
PO Box 158
Mukilteo, WA 98275-0158

Contract:TB-4608 PO:219056

SITE	TICKET #	CELL
01	986994	

WEIGHMASTER: Karyn B.

DATE/TIME IN	DATE/TIME OUT
8/17/20 12:29 pm	8/17/20 12:29 pm

VEHICLE: 106 KLB

CONTAINER:

REFERENCE:

BILL OF LADING:

SCALE IN GROSS WEIGHT 85,240 NET TONS 23.44 INBOUND
TARE OUT TARE WEIGHT 38,360 NET WEIGHT 46,880 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
23.44	tn	SW-CONT W/FUEL Origin:SEA-TAC/KING 100%				

Signature _____

NET AMOUNT

TENDERED

CHANGE

CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE Nick