UST System Closure Report
Seattle Public Utilities, City of Seattle
Washington State Department of Ecology Facility/Site No.: 83317575
4500 West Marginal Way SW
Seattle, WA

MGI Project No.:
P1356-B18

Prepared for:
City of Seattle, Finance and Administrative Services (FAS)
700 5th Avenue, Suite 5200
Seattle, WA 98104

Submitted to:

Washington State Department of Ecology
Toxics Cleanup Program - Underground Storage Tank Section
PO Box 47655
Olympia, WA 98504-7655

Prepared by:

Migizi Group, Inc.
17921 Bothell Everett Highway Suite 102
Bothell, WA 98012

November 20, 2018

DEPARTMENT OF ECOLOGY
State of Washington

SITE CHECK/SITE ASSESSMENT CHECKLIST

FOR UNDERGROUND STORAGE TANKS

UST ID #: 423465
RECEIVED
County: King
NOV 28 2018

This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360A WAC. Instructions are found on the last page.

RECEIVED DEC 05 2018 DEPT OF ECOLOGY TCP - NWRO

Washington State Department of Ecology
Toxics Cleanup Program

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #: ~~83317575~~ A3743		Owner/Operator Name: Kate Spitzer, FAS, City of Seattle	
UST ID #: 423465		Business Name: SPU	
Site Name: Greyhound Lines Inc. (Former) SPU (current)		Address: 700 5th Ave Suite 5200	
Site Address: 4500 W Marginal Way SW		City: Seattle	State: WA Zip: 98104
City: Seattle		Phone: 206.733.9065	
Phone: NA		Email: kate.spitzer@seattle.gov	

III. CERTIFIED SITE ASSESSOR			
Service Provider Name: Jason Souza		Company Name: Migizi Group, Inc.	
Cell Phone: 509.939.1091	Email: jsouza@migizigroup.com	Address: 17921 Bothell Everett Hwy Ste 102	
Certification #: Reg 311114764	Exp. Date: 8Feb19	City: Bothell	State: WA Zip: 98012

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
Gasoline - 1	5,000 gallons	Gasoline	22Oct18
Diesel - 2	20,000 gallons	Diesel	22Oct18

V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)

- [x] Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).
- [ ] Release investigation following a failed tank and/or line tightness test.
- [ ] Release investigation following discovery of contaminated soil and/or groundwater.
- [ ] Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.
- [ ] UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).
- [ ] Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.
- [ ] Other (describe):

VI. CHECKLIST

The site assessor must check each of the following items and include it in the report. Sections referenced below can be found in the Ecology publication *Guidance for Site Checks and Site Assessments for Underground Storage Tanks.*	YES	NO
1. The location of the UST site is shown on a vicinity map.	☒	☐
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	☒	☐
3. A summary of UST system data is provided (Section 3.1)	☒	☐
4. The soils characteristics at the UST site are described. (Section 5.2)	☒	☐
5. Is there any apparent groundwater in the tank excavation?	☒	☐
6. A brief description of the surrounding land use is provided. (Section 3.1)	☒	☐
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	☒	☐
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	☒	☐
• If applicable, groundwater samples are distinguished from soil samples	☐	☐
• Location of samples collected from stockpiled excavated soil	☒	☐
• Tank and piping locations and limits of excavation pit	☒	☐
• Adjacent structures and streets	☒	☐
• Approximate locations of any on-site and nearby utilities	☒	☐
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	☐	☐
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method, and detection limit for that method. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	☒	☐
11. Any factors that may have compromised the quality of the data or validity of the results are described.	☒	☐
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	☐	☒

VII. REQUIRED SIGNATURES

Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360A-0730 through 0750.

Note: while this system does not appear to have leaked, detections of hydrocarbons in excess of MTCA were confirmed (oil range)

Jason Souza		20Nov18
Print or Type Name	Signature of Certified Site Assessor	Date

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

INSTRUCTIONS

This checklist must accompany the results of a Site Check Report, which is performed if a release of petroleum or other regulated substance is suspected. It is also required to accompany a Site Assessment Report, which is required following the permanent closure or "change-in-service" of an underground storage tank system. This form is required to be filled out whether or not contamination is found. This checklist is to be completed by the Site Assessor and submitted **within thirty days of completing** these activities to the following address:

Dept. of Ecology
UST Section
PO Box 47655
Olympia, WA 98504-7655

I./II. UST Facility and Owner/Operator Information: Fill out these sections completely. If you do not know your UST ID number, include the facility compliance tag number.

III. Service Provider Information: It is the responsibility of the ICC-certified Site Assessor to ensure that sampling and documentation procedures are completed in accordance with Ecology's *Guidance for Site Checks and Site Assessment for Underground Storage Tanks.*

IV. Tank Information: Use the same Tank identification numbers listed on the facility's Business License which is based on the most recent UST Addendum on file with Ecology. List the last substance stored in each tank, the tank sizes and the date the site check or site assessment was completed.

V. Required Signature: The Site Assessor signature certifies these procedures were followed.

All confirmed releases must be reported to Ecology by the owner within 24 hours and by service providers within 72 hours of discovery. A Site Characterization Report must be submitted to Ecology within 90 days after confirming a release.

Further questions? *Please contact your regional office below and ask for a tank inspector to assist you.*

Regional Office	Counties Served
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

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1.0 INTRODUCTION

On behalf of the Seattle Public Utilities, Migizi Group, Inc. (MGI) is pleased to present this report to the Washington State Department of Ecology (Ecology) Toxics Cleanup Program (TCP) Underground Storage Tank (UST) Section. This report documents UST closure by removal activities at the Facility located at 4500 West Marginal Way SW in Seattle, Washington (the Site). The Site is also known as Ecology Facility No. 83317575 and Ecology Cleanup Site ID 10937.

The UST Closure and Site Assessment Notice and Site Assessment Checklist are included in Appendix A.

2.0 SITE LOCATION AND DESCRIPTION

The gasoline and diesel UST system were located at SPU's property located at 4500 W Marginal Way SW, Seattle, Washington (Property). The Site location and layout are illustrated on Figures 1 and 2. Land use near the Site is mixed. Industrial properties populate the areas immediately around the Site, with the Lower Duwamish Waterway (LDW) is situated approximately 500 feet to the north, just beyond the neighboring property to the north.

The Property consists of one triangular shaped parcel of land with a total area of approximately 261,361 square feet (King County Tax Assessor). The layout of the Property is depicted on Figure 2.

3.0 BACKGROUND

Historically the Property operated as a lumber company and a bus maintenance facility. Situated on the Property were two active, double-wall, steel USTs: one 5,000-gallon, registered for unleaded gasoline and one 20,000-gallon registered for diesel. The USTs are registered with Ecology as having been installed on August 26, 1997. The USTs were connected by double-contained underground conveyance to two pump dispensers approximately 50 feet east at the entrance to the bus-wash facility, under an overhang. Most of the UST system (cavity, conveyance lines and dispensers) were covered with concrete and small portions with asphalt. Previous investigations (EHSI 2017) had identified soil and groundwater impacts by hazardous substances, primarily consisting of petroleum hydrocarbons above the Washington Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs).

Groundwater at the monitoring well closest to the UST System (MW-4, south of UST area) indicated depth to water at 6.34 feet below. Laboratory analytical data from this well (ERM, 2014) report that no detections for lead, gasoline-, diesel-, or oil-range hydrocarbons were identified above the laboratory's practical quantification limit. However, groundwater sampling conducted by EHSI in 2017 confirmed diesel, oil, and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) above regulatory limits in several locations across the Site (Figure 3, EHSI, 2017); groundwater was reported at 6.87 feet bgs at the same location in late January 2017. EHSI documents that the groundwater flow pattern is roughly to the southeast, toward the Herring House Park and Tidal Wetland.

4.0 SCOPE OF WORK

MGIs role during the UST removal activities was to oversee and report the closure by removal of the existing UST system. MGI was not retained by the owner to direct the UST removal contractor, who was retained directly by the owner. MGI's oversight was conducted in accordance with the Ecology document: Guidance for Site Checks and Site Assessments for Underground Storage Tanks, dated February 1991 and revised April 2003.

The scope of work performed by MGI included:

- Pre-field activities consisting of completing a work plan and Site-specific health and safety plan (HASP);
- Collection of soil samples from the extents of excavation and from stockpiled material in accordance with the Ecology guidance document;
- Submitting selected soil samples for laboratory analysis to quantify concentrations of petroleum hydrocarbons and other contaminants of concern (COCs) in the samples;
- Comparing the chemical analyses results to MTCA Method A cleanup levels;
- Preparing this report.

These tasks are described in detail in subsequent sections of this report.

5.0 UST CLOSURE

The UST closure by removal activities were completed by Wyser Construction Company, Inc. (Wyser). The UST Site Check/Site Assessor of record was Mr. Jason Souza of MGI (Washington State UST Site Assessor Registration Number 311114764, Validation Number 829366945). UST closure by removal and compliance sampling activities were performed on October 17th, 18th, and 22nd, 2018.

5.1 Pre-field Activities

Pre-field activities included submission of a 30-Day Notice to the Department of Ecology and completing a work plan and site-specific HASP.

Wyser was contracted by the City of Seattle to conduct the UST removal activities.

- Site controls and stormwater protections were installed;
- Neither UST contained product. The USTs were pumped, and triple rinsed by Marine Vacuum Services (Marvac).
- Wyser used carbon dioxide to inert the USTs;
- Wyser contracted the Marine Chemist to confirm USTs were inert;
- USTs were removed from the tank cavity and cut open for transport and disposal, under the guidance of the Marine Chemist.

Wyser removed residual soil from the top and sides of the UST and stockpiled the material on asphalt within the controlled site area.

5.2 UST Removal

The USTs were installed approximately three feet below the ground surface (bgs), and the cavity extended to approximately eleven feet below grade, although sloughing of the pea gravel within and resulting undermining made exact measurements of the depth unsafe. Both USTs appeared in pristine condition, with no signs of rust or even paint peeling on the outside of the two, steel, double-walled USTs.

The final extent measured approximately 31 feet long by 18 feet wide, to a depth of 13 feet below ground surface (bgs). Soil samples were collected at intervals that meet and exceed the applicable standards for sampling a UST excavation, including:

1. One soil sample at each end of the UST pit;
2. Two sidewall soil samples on each end of the UST pit;
3. One soil sample under conveyance line junctions for each UST;
4. One soil sample under each of the conveyance lines (diesel and gasoline);
5. One soil sample midline between the two dispensers;

6. One soil sample under the vent-line sump;
7. One soil sample under each of the two dispensers, and;
8. Five additional stockpile soil samples.

Soil samples were collected at depths of approximately seven to eight feet bgs from the excavation sidewalls. Base samples were collected at a depth of eleven feet bgs. Dispenser, conveyance and vent-sump samples were collected at depths of two to three feet bgs. Sample locations are shown on Figure 3. There were no signs of soil discoloration in soil samples collected from the limits of the UST excavation. There were no elevated vapor readings as measured by a photo-ionization detector (PID) in soil samples collected from the limits of the UST excavation. Groundwater was occasionally encountered during UST removal activities at a depth of approximately eight to ten feet bgs.

Approximately 367 tons of soils were removed from the UST excavation to facilitate removal of the UST. At the City of Seattle's request, excess soil was transported to Rabanco as Class III soil in accordance with the site soil analytical data collected and analyzed by others (EHSI). Excavated materials consisted mostly of pea gravel and occasional brown silty SAND.

Soil samples were submitted to OnSite Environmental Laboratories (OnSite) for analysis. Further explanation of the soil sampling and analysis is described in Section 6.0. Laboratory analytical results are discussed in Section 7.0. Soil sampling locations and a summary of analytical results are provided on Figure 3. Laboratory analytical reports are included in Appendix B and the results are summarized in Table 1.

5.3 Site Restoration Activities

Backfill was not within MGI's Scope of Work. However, the cavity was backfilled and compacted with Type 17 constant density fill (CDF); quality-control oversight of backfill and compaction was provided by Otto Rosenau Associates.

6.0 SOIL SAMPLING AND ANALYSIS METHODS

Soil samples collected during the removal of the UST system were submitted to OnSite Environmental Laboratories, an Ecology-accredited laboratory located in Redmond, Washington.

Soil samples were collected in accordance with the Ecology approved collection and analytical methods and in accordance with guidelines in the document titled 'Guidance for Site Checks and Site Assessments for Underground Storage Tanks' dated February 1991 and revised April 2003. Effort was made to collect relatively undisturbed soil samples from the excavation as well as the stockpiled materials. Samples were collected using appropriate personal protective equipment and equipment specified by the applicable collection method. Soil samples were collected for visual inspection and field screening. Field screening was performed using an organic vapor meter PID (OVM-PID).

Soil samples to be submitted for laboratory analysis were placed in clean glass containers supplied by the laboratory and preserved per analytical method requirements. Threads of sample containers were wiped clean of soil particles that would interfere with an airtight seal, and a Teflon-lined screw lid was immediately placed on containers. A clean pair of disposable nitrile gloves was used for each sample. Once screening was complete, care was taken to obtain representative soil samples and to place soil directly and quickly into the sample containers to minimize loss of volatile constituents.

The samples were placed in an iced cooler pending transport to the laboratory on the day-of-collection. Recommended protocols for sample management, including chain-of-custody documentation, were observed during sampling, storage and transportation activities.

Soil samples were submitted for the following analyses:

- HCID
- TPH-G using Ecology-approved Method NWTPH-Gx;
- TPH-D and TPH-O using Ecology-approved Method NWTPH-Dx;
- Benzene, toluene, ethylbenzene and total xylenes (collectively BTEX), Dibromoethane, 1-2 (EDB), Dichloroethane, 1-2 (EDC), and Methyl tertiary-butyl ether (MTBE) using Environmental Protection Agency (EPA) Method 8021B;
- Total lead using EPA Method 6020;
- Carcinogenic polycyclic aromatic hydrocarbons (cPAHs) using EPA Method 8270 SIM;
- Polychlorinated Biphenyls (PCBs) using EPA Method 8082; and,
- BTEX using EPA Method 8260.

Laboratory analytical reports are provided in Appendix B. Laboratory analytical results are discussed in Section 7.0.

7.0 LABORARY ANALYTICAL RESULTS

Laboratory analytical reports for soil samples are provided in Appendix B. Soil sampling locations are presented on Figure 3 and soil analytical results are summarized in Table 1.

7.1 Analytical Results for Soil Samples

All laboratory data is summarized on Tables 1 – 3. Arsenic, lead and mercury were also evaluated (due to historic use considerations) and determined to be less than the laboratory's PQL.

UST Excavation

A total of eight soil samples were collected from the UST excavation including six sidewalls (SWMIDW, SWSW, SWNE, SWMIDE, SWN and SWS) and two excavation-base (Base N and Base S) of the UST excavation. Laboratory analytical data indicates that sidewall and base samples of the UST excavation were impacted with diesel-range petroleum hydrocarbons ranging from below detectable limits to 370 ppm and oil-range petroleum hydrocarbons from 200 to 1,400 ppm. One sample (Base-N) was analyzed for EDB, EDC, and MTBE all of which were below the laboratory's PQL. One UST excavation soil sample (Base N) was analyzed for cPAHs, due to the historic presence of this contaminant at the Site. cPAHs were not detected in the base excavation soil sample above MTCA TEF thresholds; calculations are shown on Table 3.

Stockpile Samples

Prior to the project commencing, soil samples previously analyzed were used to help characterize the soil for disposal. The Owner decided to have all excavated soil disposed of at Rabanco for thermal treatment and recycling. A total of five additional soil samples were collected from stockpiled soil excavated from the UST cavity. Laboratory analytical data indicates that soil removed from the UST excavation were impacted with diesel-range petroleum hydrocarbons ranging from below detectable limits to 65 ppm and oil-range petroleum hydrocarbons from 200 to 3,400 ppm. Two stockpile samples were analyzed for EDB, EDC, and MTBE all of which were below the laboratory's PQL. One stockpile soil sample (Disp 1) was analyzed for cPAHs, due to the historic presence of this contaminant at the Site. cPAHs were not detected in the stockpile sample above MTCA TEF thresholds; calculations are shown on Table 3.

Conveyance Lines, Dispensers and Vents / Vents Sump

Soil from the conveyance lines, under each dispenser and under the vent-sump were collected and analyzed for the constituent of concern. Laboratory analytical data indicates that soil in

these areas was impacted with diesel-range petroleum hydrocarbons ranging from 77 to 1,900 ppm and oil-range petroleum hydrocarbons from 380 to 750 ppm. Two samples (under dispenser 1 and under the sump) were analyzed for EDB, EDC, and MTBE all of which were below the laboratory's PQL. One soil sample under a dispenser (Disp 2) was analyzed for cPAHs, due to the historic presence of this contaminant at the Site. cPAHs were not detected in the stockpile sample above MTCA TEF thresholds; calculations are shown on Table 3.

8.0 CONCLUSIONS

This report summarizes soil sampling activities associated with the closure by removal of two USTs; one 5,000-gallon gasoline and one 20,000-gallon diesel UST, two pump dispensers and all associated UST components and piping at 4500 W Marginal Way SW, Seattle, Washington.

Prior to this study, Site soil and groundwater was confirmed to have been impacted with petroleum hydrocarbons at concentrations above MTCA regulatory thresholds (EHSI, 2017). Remediation beyond the removal of impacted soil excavated to remove the USTs was outside of MGI's scope-of-work.

The UST system removed was in almost pristine condition, complete with dual-containment on all conveyance, under each dispenser, and under the vent stacks. Soil analytical data and in-field observations suggest aged diesel fuel (as expected) in soil around the USTs at moderate to slightly above MTCA-thresholds for diesel fuel. The USTs being decommissioned as part of this study were not the first generation of USTs at the Site. Based upon the condition and construction of the 1997 USTs, it is likely the contamination encountered on-Site was from a prior-generation of USTs at the Site.

9.0 LIMITATIONS AND CERTIFICATIONS

This report has been prepared in accordance with generally accepted standards of environmental practice in King County at this time. Sampling and testing were conducted solely for the purpose of evaluating environmental conditions of the soil with respect to the presence of petroleum constituents at the depth and locations sampled. No soil engineering or geotechnical implications are stated, nor should they be implied. Evaluation of the Site conditions for the purpose of sampling and testing was made from a limited number of observation and sampling points. Subsurface conditions may vary beyond the data points available and it is not possible to account for these variations. All conclusions and recommendations provided as part of this study are based upon reasonably-available information and the laboratory analytical results provided by others within the budgetary and time constraints inherent to the project and outside of MGI's control.

This report has been prepared for the exclusive use of The City of Seattle and their lenders and agents, in accordance with generally-accepted professional consulting practices. No warranty, expressed or implied, is made. The findings contained herein are relevant to the dates of MGI's work and should not be relied upon to represent conditions at later dates. If changes in the nature, usage, layout of the property, or nearby properties are made, the conclusions and recommendations contained in this report may not be valid.

10.0 CLOSING

1.0 CLOSING

If you have any questions, or if we may be of further assistance, please do not hesitate to contact the undersigned in our office at (425) 398-2300.

Respectfully submitted,

MIGIZI GROUP, INC.

Jason Souza, CEO / Principal Scientist
17921 Bothell Everett Highway, Suite 102 Bothell WA 98012
(425) 398-2300 – corporate office, email: jsouza@migizigroup.com

Washington State UST Site Assessor
Registration Number 311114764, Validation Number 829366945

TABLES

Table 1 - Soil Analysis
SPU DWW UST Decommision
4500 W Marginal Way SW
Migizi Group, Inc. Project Number P1356-B18

All concentrations are in milligrams per kilogram (mg/kg)

Migizi Group, Inc.																
Sample ID	**LIMS**	**Depth (Feet)**	**Sample Date**	**HCID**			**NWTPH-Dx**		**BTEX EPA Method 8021b**				**Metals**		
				Gasoline	**Diesel**	**Oil**	**Diesel**	**Oil**	**Benzene**	**Toluene**	**Ethylbenzene**	**Xylenes**	**Arsenic**	**Lead**	**Mercury**
DISP-1	10-226-01	*stockpile*	10/17/18	<23	Detected	Detected	65	310	<0.020	<0.043	<0.043	<0.129	<11	<5.7	<0.29
DISP-2	10-226-02	*stockpile*	10/17/18	<24	<60	Detected	<60	200	<0.020	<0.052	<0.052	<0.152	NT	NT	NT
DISP-3	10-226-03	*stockpile*	10/17/18	<110	<270	Detected	<270	3,400	NT	NT	NT	NT	NT	NT	NT
DISP-4	10-226-04	*stockpile*	10/17/18	<23	<58	Detected	<280	1,300	NT	NT	NT	NT	NT	NT	NT
DISP-5	10-226-05	*stockpile*	10/17/18	<24	<61	<120	NT	NT	NT	NT	NT	NT	NT	NT	NT
BASE N	10-244-01	11	10/18/18	<23	<57	Detected	<280	1,300	NT	NT	NT	NT	NT	NT	NT
SWN	10-244-02	8	10/18/18	<24	<59	<120	NT	NT	NT	NT	NT	NT	NT	NT	NT
SWNE	10-244-03	8	10/18/18	<22	Detected	Detected	320	1,400	<0.020	<0.051	<0.051	<0.151	NT	NT	NT
SW MID E	10-244-04	8	10/18/18	<24	<59	<120	NT	NT	NT	NT	NT	NT	NT	NT	NT
BASE S	10-244-05	11	10/18/18	<26	<64	<130	NT	NT	NT	NT	NT	NT	NT	NT	NT
SW MID W	10-244-06	8	10/18/18	<24	<61	<120	NT	NT	NT	NT	NT	NT	NT	NT	NT
SWSW	10-244-07	8	10/18/18	<26	<66	<130	NT	NT	NT	NT	NT	NT	NT	NT	NT
SWS	10-244-08	8	10/18/18	<24	<59	<120	<29	200	NT	NT	NT	NT	NT	NT	NT
Disp-1	10-271-01	2	10/22/18	<21	Detected	Detected	220	380	NT	NT	NT	NT	NT	NT	NT
Disp-2	10-271-02	2	10/22/18	<22	Detected	Detected	1,900	690	NT	NT	NT	NT	<11	<21	<0.27
Trench-1	10-271-03	3	10/22/18	<22	Detected	Detected	250	490	<0.020	<0.046	<0.046	<0.138	NT	NT	NT
Trench-2	10-271-04	3	10/22/18	<22	Detected	Detected	77	520	NT	NT	NT	NT	NT	NT	NT
SUMP	10-271-05	2	10/22/18	<22	Detected	Detected	110	750	<0.020	<0.044	<0.044	<0.131	NT	NT	NT
MTCA Method Cleanup Level**				**100**	**2,000**	**2,000**	**2,000**	**2,000**	**0.03**	**7**	**6**	**9**	**20**	**250**	**2**

Explanation of Abbreviations:

< = Less than the laboratory practical quantitation limit
BOLD = Result exceeds the reporting limit
BOLD and shaded = Exceeds cleanup level
LIMS = Laboratory Identification Management System number
MTCA = Model Toxics Control Act
NWTPH = Hydrocarbon Identification
NWTPH = Northwest Total Petroleum Hydrocarbon
EPA = Environmental Protection Agency
NT = Analyte not tested
NA = Not Applicable
** = MTCA A unless otherwise noted

Table 2 - EDB EDC Soil Analysis
SPU DWW UST Decommision
4500 W Marginal Way SW
Migizi Group, Inc. Project Number P1356-B18

All concentrations are in milligrams per kilogram (mg/kg)

Migizi Group, Inc.						
Sample ID	**LIMS**	**Depth (Feet)**	**Sample Date**	**VOCs EPA Method 8260C**		
				MTBE	**EDC**	**EDB**
DISP-1	10-226-01	NA	10/17/18	<0.00097	<0.00097	<0.00097
DISP-2	10-226-02	NA	10/17/18	<0.00087	<0.00087	<0.00087
DISP-3	10-226-03	NA	10/17/18	NT	NT	NT
DISP-4	10-226-04	NA	10/17/18	NT	NT	NT
DISP-5	10-226-05	NA	10/17/18	NT	NT	NT
BASE N	10-244-01		10/18/18	<0.00082	<0.00082	<0.00082
SWN	10-244-02		10/18/18	NT	NT	NT
SWNE	10-244-03		10/18/18	NT	NT	NT
SW MID E	10-244-04		10/18/18	NT	NT	NT
BASE S	10-244-05		10/18/18	NT	NT	NT
SW MID W	10-244-06		10/18/18	NT	NT	NT
SWSW	10-244-07		10/18/18	NT	NT	NT
SWS	10-244-08		10/18/18	NT	NT	NT
Disp-1	10-271-01		10/22/18	<0.00083	<0.00083	<0.00083
Disp-2	10-271-02		10/22/18	NT	NT	NT
Trench-1	10-271-03		10/22/18	NT	NT	NT
Trench-2	10-271-04		10/22/18	NT	NT	NT
SUMP	10-271-05		10/22/18	<0.00086	<0.00086	<0.00086
MTCA Method A or B Cleanup Level				**0.1**	**11**	**0.005**

Explanation of Abbreviations:

< = Less than the laboratory practical quantitation limit
LIMS = Laboratory Identification Management System number
MTCA = Model Toxics Control Act
VOCs = Volotile organic compounds
PAHs = Polycyclic aromatic hydrocarbons
MTBE = Methyl-tert-Butyl Ether
EDC = 1,2 Dichloroethane
EDB = 1,2 Dibromoethane
EPA = Environmental Protection Agency
NT = Analyte not tested
NA = Not Applicable
NE = Cleanup level not established
* = For full list of PAHs analyzed, laboratory report is provided in Appendix A

Table 3 - PAHs in Soil Analyses
SPU DWW UST Decommision
4500 W Marginal Way SW
Migizi Group, Inc. Project Number P1356-B18

All concentrations are in milligrams per kilogram (mg/kg)

Sample ID	Sample Date	Sample Depth (ft. bgs)	PID Reading (ppm)	Benzo(a)-anthracene (mg/kg)	TEF (0.1)	Benzo(a)-pyrene (mg/kg)	TEF (1.0)	Benzo(b)-fluoranthene (mg/kg)	TEF (0.1)	Benzo(k)-fluoranthene (mg/kg)	TEF (0.1)	Chrysene (mg/kg)	TEF (0.01)	Dibenz(a,h)-anthracene (mg/kg)	TEF (0.1)	Indeno(1,2,3-cd)pyrene (mg/kg)	TEF (0.1)	Sum of Total cPAHs (mg/kg)
cPAH Calculation																		
Disp-1	10/17/2018	Stockpile	0.0	< 0.015	0.00075	< 0.015	0.0075	0.016	0.0016	< 0.015	0.00075	0.019	0.00019	< 0.015	0.00075	< 0.015	0.00075	0.01229
Base-N	10/18/2018	11'	10.0	< 0.03	0.0015	< 0.03	0.015	< 0.03	0.0015	< 0.03	0.0015	< 0.03	0.00015	< 0.03	0.0015	< 0.03	0.0015	0.02265
Disp-2	10/22/2018	2' under Dispenser	0.0	0.028	0.0028	0.032	0.032	0.044	0.0044	< 0.014	0.0007	0.04	0.004	< 0.014	0.0007	0.03	0.003	0.0476
MTCA Method A Cleanup Level				0.1														

Note: if the analytical result was less than the PQL, one-half the PQL was assumed in the calculation of the adjusted constituent Toxicity Equivalent Factor

PHOTOS

Photo 1: UST cavity under concrete on left.

Dispensers in front of building on the right (looking north, prior to demolition)

Photo 2: UST cavity surface demolition.

Photo 3: Concrete surfaces demolition looking northwest.

Photo 4: One day prior to removal, dry ice is added to the UST (Wyser).

Photo 5: UST cavity, looking south. Gasoline UST in foreground.

Photo 6: Gasoline UST after removal and being prepared for transport.

Photo 7: 5,000-gallon gasoline UST being prepared for transport.

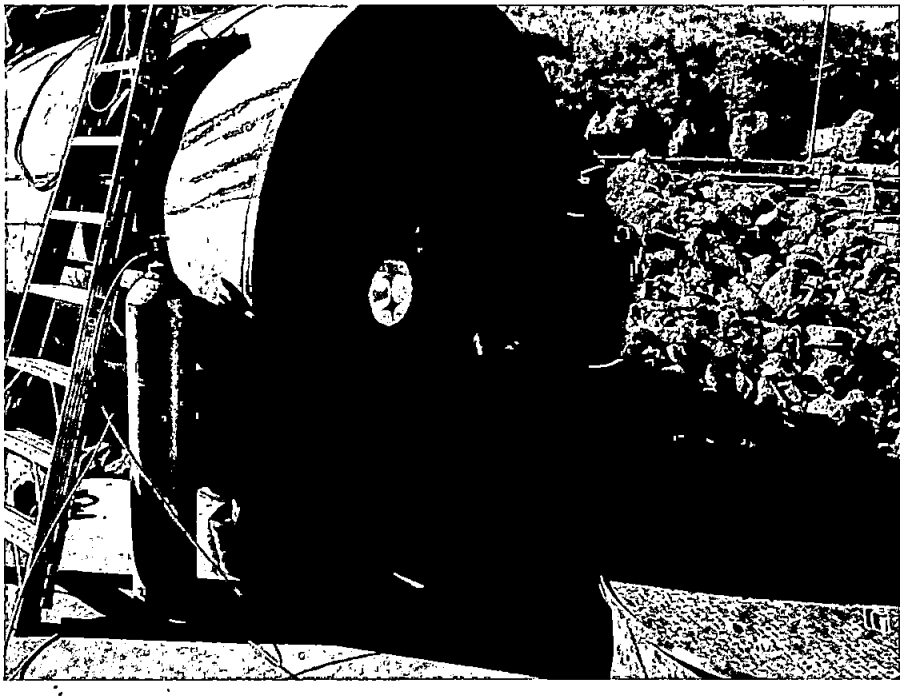


Photo 8: UST being opened up for transport.

Photo 9: 20,000-gallon diesel UST being loaded for transport.

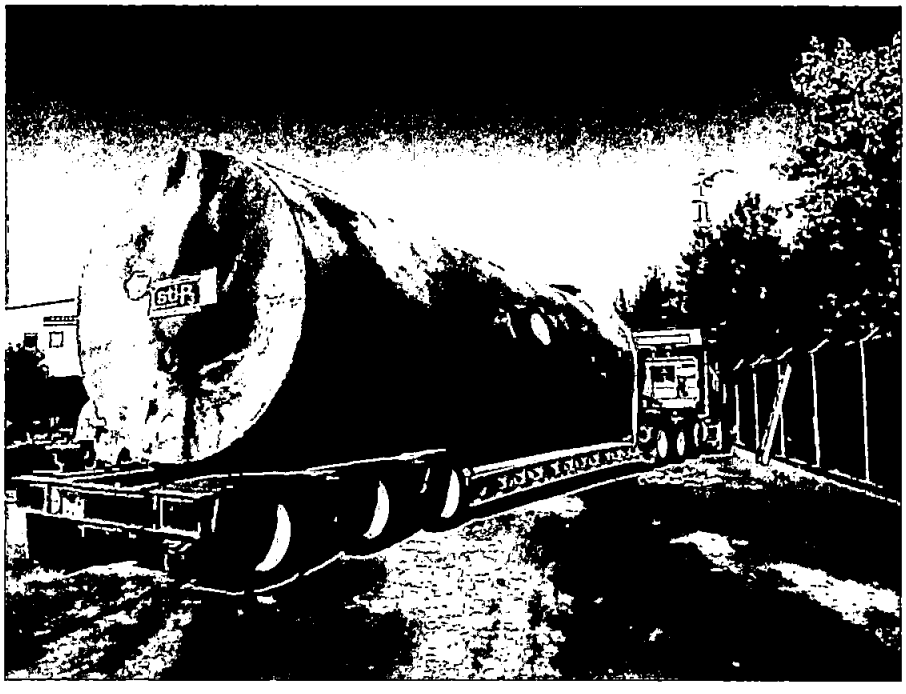


Photo 10: 20,000-gallon diesel UST loaded for transport to recycling yard.

Photo 11: The site is tidally influenced, filling the

UST cavity overnight after removal (looking south)

Photo 12: Vent lines and vent line sump.

All components were installed inside of secondary containment.

Photo 13: Product line trench, looking west.

Photo 14: UST cavity being backfilled and compacted.

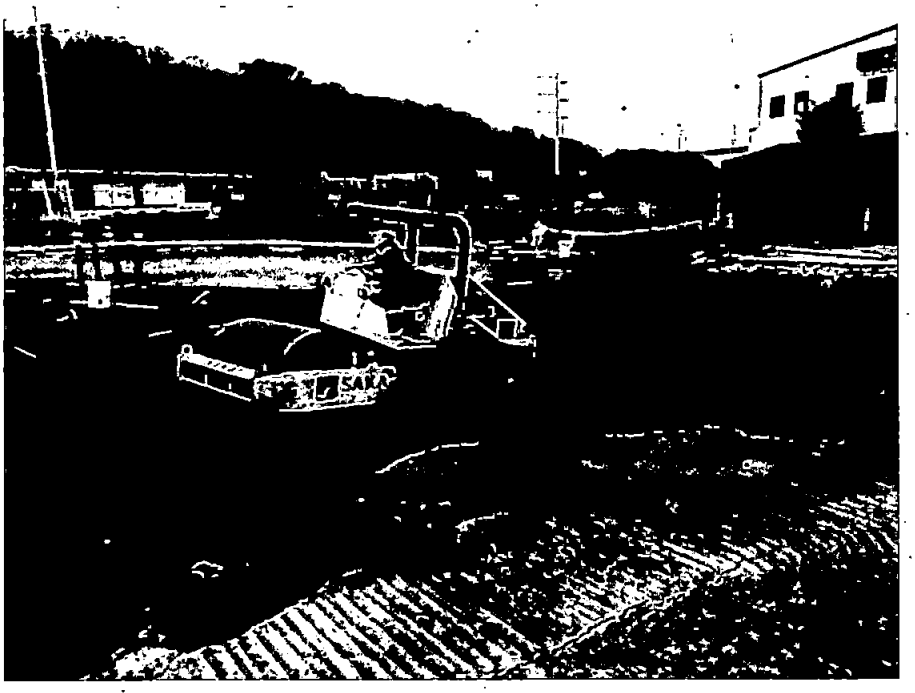


Photo 15: UST cavity being compacted (looking west)

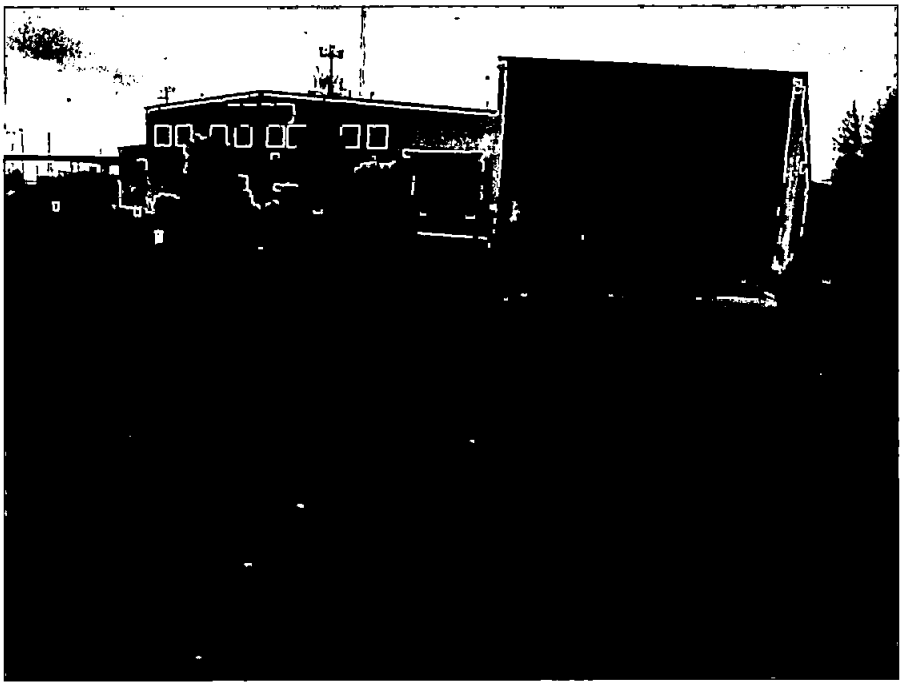


Photo 16: Completed compacted surfaces after UST system removal (looking northeast).

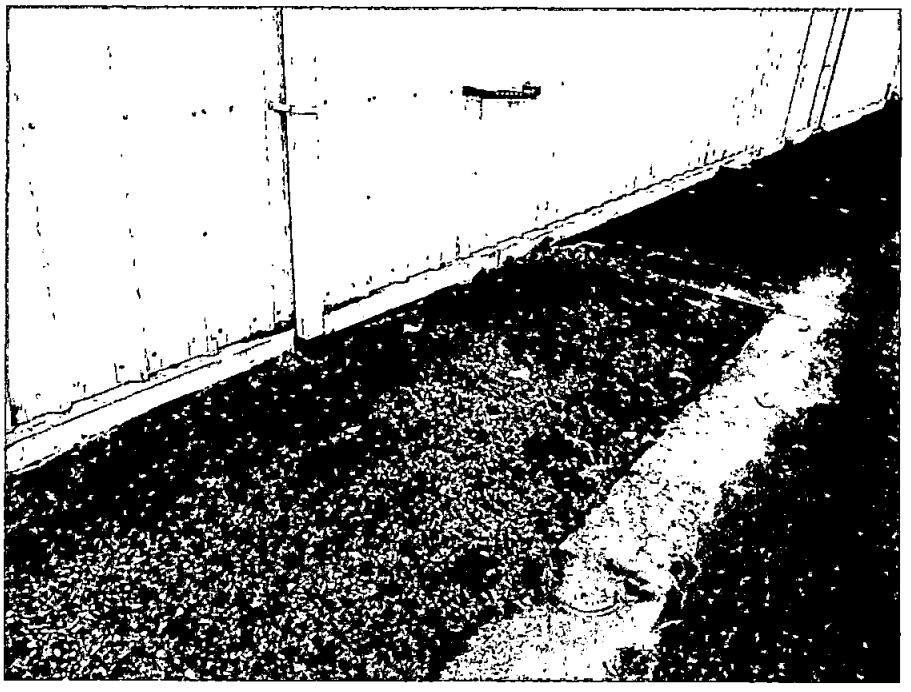


Photo 17: Area of vent sump and vent stacks, after removal.

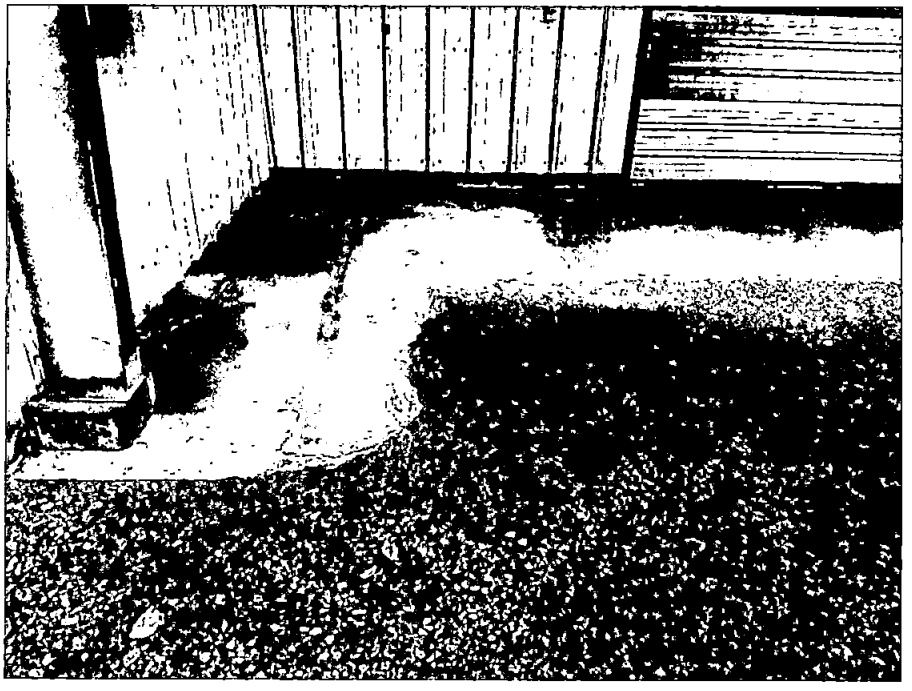


Photo 18: Dispenser area after removal and backfill.

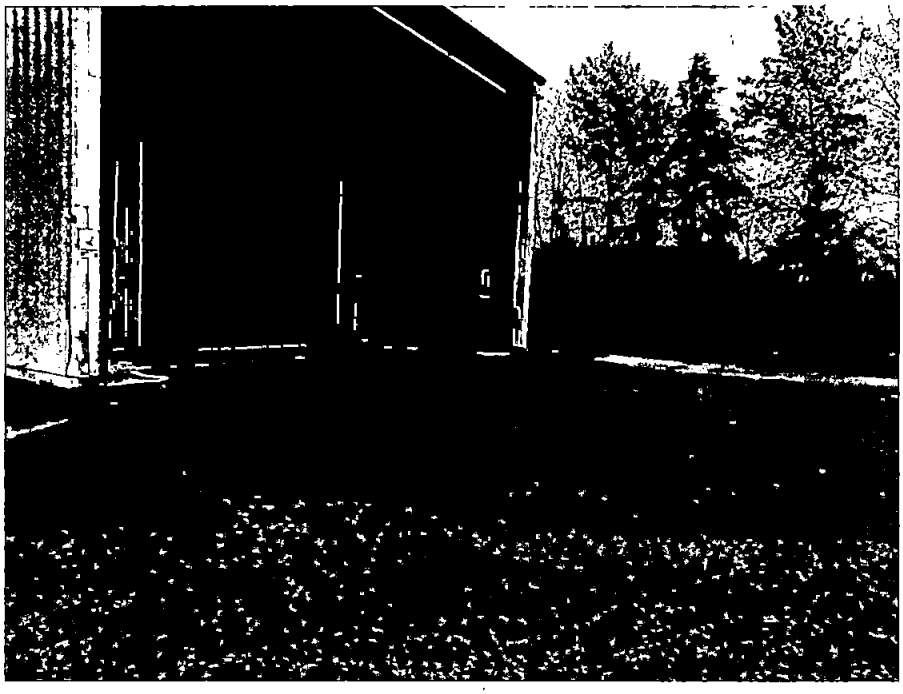
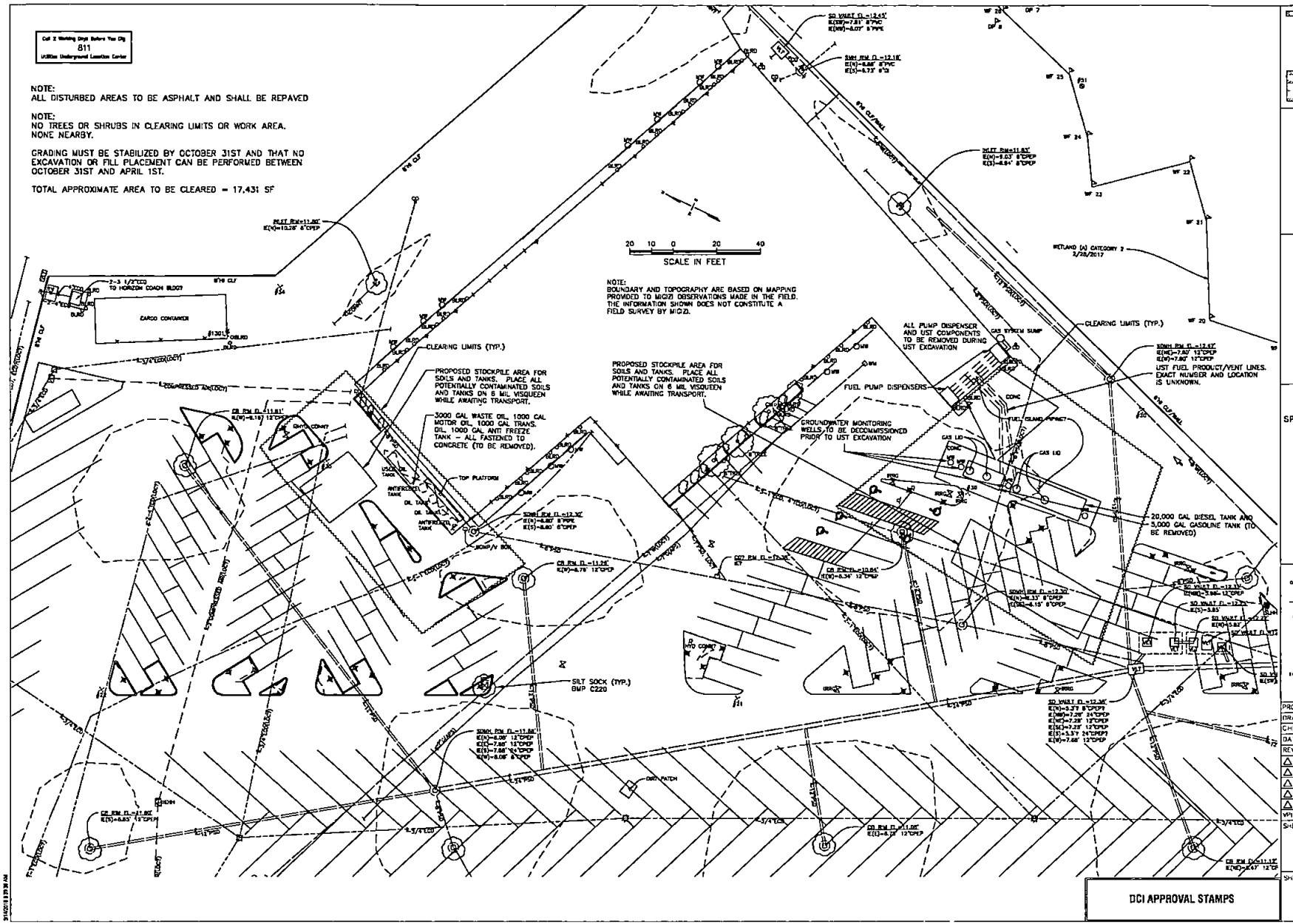


Photo 19: Area of UST cavity with dispenser location in the background under overhang.

FIGURES



CITY OF SEATTLE

SPU DWW TANK REMOVAL

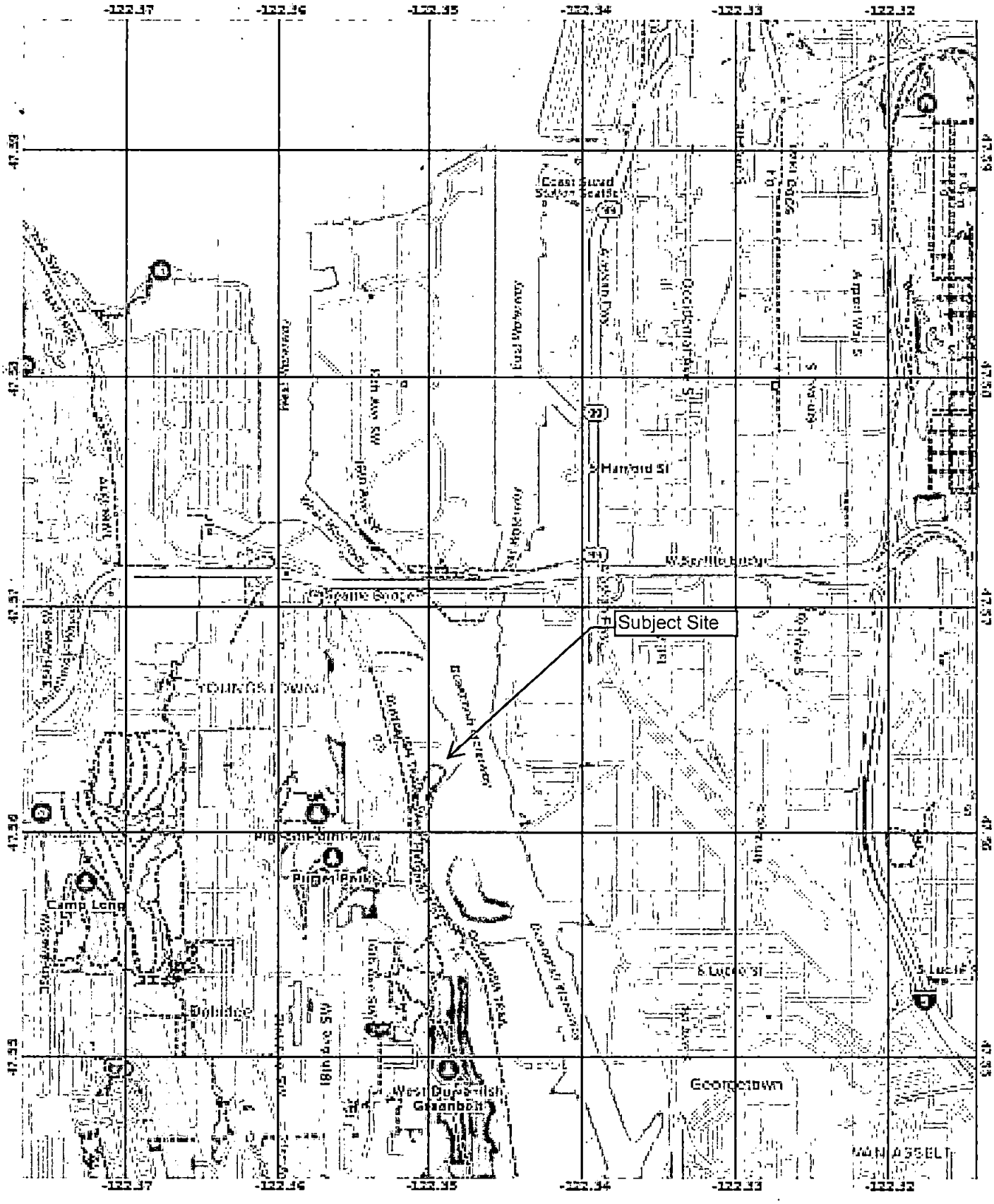
PWF
4500 WEST MARGINAL WAY SW
SEATTLE, WA 98106

90% CONSTRUCTION DOCUMENTS

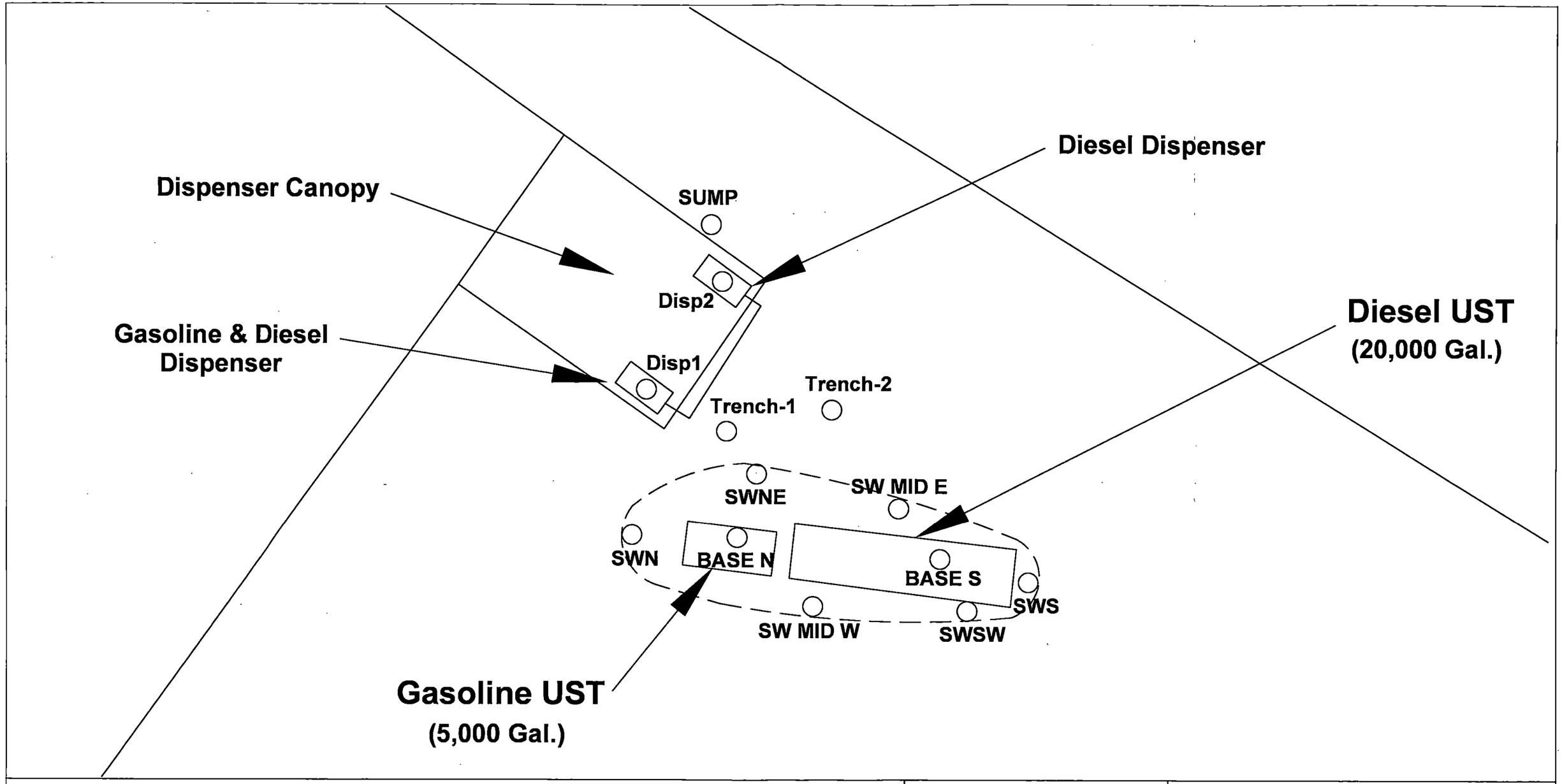
PROJECT-NO	FAS 2016-054
DRAWN	CR
CHECKED BY	CR
DATE	02/14/2018
REVISIONS	DATE
VPI-NO	777-921

SHEET TITLE
TESC PLAN

SHEET NUMBER
C1.1



	Location		Title		Figure
MIGIZI GROUP	**4500 W Marginal Way SW Seattle, WA**		**Property Location**		**1**
17921 Bothell-Everett Hwy, Suite 102, Bothell, WA 425-398-2300	Job Number: P1356-B18	Drawn By: JDS	Checked By: JDS	Approved By: JDS	Date: 11-20-18



○ Sample Location and ID

◯ Approximate Excavation Boundary

N E W

Migizi Group, Inc.
17921 Bothell-Everett Hwy.
Suite 102
Bothell, WA 98012
425-398-2300
425-398-2333 fax
www.migizigroup.com

PROJECT: SPU DWW UST Decommission	
SHEET TITLE: UST Excavation Sample Locations	
DESIGNER: SKL	JOB NO. P1356-B18
DRAWN BY: SKL	SCALE: As Shown
CHECKED BY: JDS	FIGURE:3
DATE: Nov. 9, 2018	FILE:1356 Figure 1.dwg

APPENDIX A
SOIL IMPORT / EXPORT SUMMARY

City of Seattle Dept. of Finance & Admin. Services **Import/Export** **SPU-18-1552**

Seattle Public Utilities (Tank Removal)

DATE	Export Concrete	Export Asphalt	Mar-Vac Pump/Rinse Tanks	Export Class 3 Soil	Import 1 1/4" Minus Quarry	Import: Type 17 Backfill	Import: Top Course	Import: 2" x 4" Quarry		Import: Pea Gravel
Oct. 2018										
10/15/2018			603.0 Galv							
10/17/2018			400.0 galv	126.59 tonv						
10/18/2018			205.0 galv	237.18 tonv						
10/19/2018	40.0 CY v									
	40.0 CY		***1208 gal***	***363.77 ton***						
10/22/2018		16.66 tonv				249.88 tonv				
10/23/2018	18.49 tonv					430.14 tonv				
10/24/2018	20.0 CYv				120.52 tonv	46.02 tonv				
Sub Total Tons										
Sub Total yds										

APPENDIX B
LABORATORY ANALYTICAL REPORTS

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

November 5, 2018

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

Re: Analytical Data for Project P1356-B18
Laboratory Reference No. 1810-226

Dear Jason:

Enclosed are the analytical results and associated quality control data for samples submitted on October 17, 2018.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

Case Narrative

Samples were collected on October 17, 2018 and received by the laboratory on October 17, 2018. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

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

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**Detected**	57	NWTPH-HCID	10-24-18	10-24-18	N
Lube Oil	**Detected**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**DISP-2**					
Laboratory ID:	10-226-02					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	60	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil	**Detected**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**DISP-3**					
Laboratory ID:	10-226-03					
Gasoline Range Organics	**ND**	110	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	270	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil	**Detected**	540	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**DISP-4**					
Laboratory ID:	10-226-04					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	58	NWTPH-HCID	10-24-18	10-24-18	U1
Lube Oil	**Detected**	110	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**DISP-5**					
Laboratory ID:	10-226-05					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	61	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024S1					
Gasoline Range Organics	**ND**	20	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	50	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

BTEX
EPA 8021B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.043	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.043	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.086	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.043	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*77*	*57-129*				
Client ID:	**DISP-2**					
Laboratory ID:	10-226-02					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.052	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.052	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.10	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.052	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*57-129*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

BTEX
EPA 8021B
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S1					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.10	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*57-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-226-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene					*77*	*75*		*57-129*			
SPIKE BLANKS											
Laboratory ID:	SB1026S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.853**	**0.861**	1.00	1.00		**85**	**86**	69-111	1	10	
Toluene	**0.826**	**0.837**	1.00	1.00		**83**	**84**	70-114	1	11	
Ethyl Benzene	**0.827**	**0.840**	1.00	1.00		**83**	**84**	70-115	2	10	
m,p-Xylene	**0.829**	**0.843**	1.00	1.00		**83**	**84**	72-115	2	10	
o-Xylene	**0.833**	**0.844**	1.00	1.00		**83**	**84**	71-115	1	11	
Surrogate:											
Fluorobenzene						*80*	*83*	*57-129*			

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Diesel Range Organics	**65**	57	NWTPH-Dx	10-26-18	10-26-18	N
Lube Oil	**310**	120	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				
Client ID:	**DISP-2**					
Laboratory ID:	10-226-02					
Diesel Range Organics	**ND**	60	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil	**200**	120	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**DISP-3**					
Laboratory ID:	10-226-03					
Diesel Range Organics	**ND**	270	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil	**3400**	540	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**DISP-4**					
Laboratory ID:	10-226-04					
Diesel Range Organics	**ND**	280	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil	**1300**	560	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	10-320-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*95* *104*	*50-150*			

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Naphthalene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
2-Methylnaphthalene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
1-Methylnaphthalene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthylene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Fluorene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Pentachlorophenol	**ND**	1.9	EPA 8270D	10-31-18	11-2-18	
Phenanthrene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Anthracene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Fluoranthene	**0.086**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Pyrene	**0.071**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]anthracene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Chrysene	**0.019**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[b]fluoranthene	**0.016**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]pyrene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Indeno[1,2,3-cd]pyrene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[g,h,i]perylene	**ND**	0.015	EPA 8270D/SIM	10-31-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*56*	*19 - 103*				
Phenol-d6	*62*	*30 - 103*				
Nitrobenzene-d5	*57*	*27 - 105*				
2-Fluorobiphenyl	*70*	*36 - 102*				
2,4,6-Tribromophenol	*67*	*33 - 110*				
Terphenyl-d14	*85*	*38 - 108*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1031S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pentachlorophenol	**ND**	0.17	EPA 8270D	10-31-18	10-31-18	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*89*	*19 - 103*				
Phenol-d6	*92*	*30 - 103*				
Nitrobenzene-d5	*88*	*27 - 105*				
2-Fluorobiphenyl	*93*	*36 - 102*				
2,4,6-Tribromophenol	*96*	*33 - 110*				
Terphenyl-d14	*106*	*38 - 108*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-374-03										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.976**	**1.07**	1.33	1.33	ND	73	80	37 - 100	9	27	
2-Chlorophenol	**1.08**	**1.17**	1.33	1.33	ND	81	88	37 - 100	8	32	
1,4-Dichlorobenzene	**0.539**	**0.580**	0.667	0.667	ND	81	87	23 - 100	7	37	
n-Nitroso-di-n-propylamine	**0.526**	**0.560**	0.667	0.667	ND	79	84	40 - 100	6	28	
1,2,4-Trichlorobenzene	**0.549**	**0.601**	0.667	0.667	ND	82	90	37 - 100	9	30	
4-Chloro-3-methylphenol	**1.13**	**1.20**	1.33	1.33	ND	85	90	46 - 100	6	25	
Acenaphthene	**0.567**	**0.581**	0.667	0.667	ND	85	87	43 - 100	2	25	
4-Nitrophenol	**1.21**	**1.22**	1.33	1.33	ND	91	92	31 - 104	1	28	
2,4-Dinitrotoluene	**0.567**	**0.564**	0.667	0.667	ND	85	85	31 - 100	1	32	
Pentachlorophenol	**1.42**	**1.42**	1.33	1.33	ND	107	107	20 - 123	0	29	
Pyrene	**0.597**	**0.608**	0.667	0.667	ND	90	91	28 - 114	2	35	
Surrogate:											
2-Fluorophenol						*73*	*80*	*19 - 103*			
Phenol-d6						*74*	*80*	*30 - 103*			
Nitrobenzene-d5						*74*	*79*	*27 - 105*			
2-Fluorobiphenyl						*77*	*80*	*36 - 102*			
2,4,6-Tribromophenol						*87*	*86*	*33 - 110*			
Terphenyl-d14						*87*	*89*	*38 - 108*			

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Arsenic	**ND**	11	EPA 6010D	10-26-18	10-26-18	
Lead	**ND**	5.7	EPA 6010D	10-26-18	10-26-18	
Mercury	**ND**	0.29	EPA 7471B	10-26-18	10-26-18	

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Arsenic	**ND**	10	EPA 6010D	10-26-18	10-26-18	
Lead	**ND**	5.0	EPA 6010D	10-26-18	10-26-18	
Laboratory ID:	MB1026S1					
Mercury	**ND**	0.25	EPA 7471B	10-26-18	10-26-18	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-309-02										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	10-309-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-309-02										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**94.0**	**99.6**	100	100	ND	**94**	**100**	75-125	6	20	
Lead	**250**	**247**	250	250	ND	**100**	**99**	75-125	1	20	
Laboratory ID:	10-309-02										
Mercury	**0.482**	**0.507**	0.500	0.500	0.0194	**93**	**98**	80-120	5	20	

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-1**					
Laboratory ID:	10-226-01					
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*94*	*71-132*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DISP-2**					
Laboratory ID:	10-226-02					
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*68-139*				
Toluene-d8	*100*	*79-128*				
4-Bromofluorobenzene	*128*	*71-132*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1029S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*68-139*				
Toluene-d8	*102*	*79-128*				
4-Bromofluorobenzene	*101*	*71-132*				

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1029S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0494**	**0.0499**	0.0500	0.0500	99	100	53-141	1	17	
Benzene	**0.0528**	**0.0507**	0.0500	0.0500	106	101	70-130	4	15	
Trichloroethene	**0.0488**	**0.0476**	0.0500	0.0500	98	95	74-122	2	16	
Toluene	**0.0499**	**0.0486**	0.0500	0.0500	100	97	76-130	3	15	
Chlorobenzene	**0.0462**	**0.0461**	0.0500	0.0500	92	92	75-120	0	14	
Surrogate:										
Dibromofluoromethane					*103*	*102*	*68-139*			
Toluene-d8					*99*	*99*	*79-128*			
4-Bromofluorobenzene					*98*	*101*	*71-132*			

Date of Report: November 5, 2018
Samples Submitted: October 17, 2018
Laboratory Reference: 1810-226
Project: P1356-B18

% MOISTURE

Date Analyzed: 10-24-18

Client ID	Lab ID	% Moisture
DISP-1	10-226-01	13
DISP-2	10-226-02	17
DISP-3	10-226-03	7
DISP-4	10-226-04	11
DISP-5	10-226-05	17

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number: 10-226

Company:	MIGIZI GROUP
Project Number:	P1356-B18
Project Name:	DWW USTs
Project Manager:	JDS
Sampled by:	JDS

Turnaround Request (in working days)

(Check One)

- [ ] Same Day
- [ ] 1 Day
- [ ] 2 Days
- [ ] 3 Days
- [x] Standard (7 Days)
- [ ] ______ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	~~NWTPH-Gx~~/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C EDB, EDC, MTBE	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level) + PCP	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total ~~MTCA~~ Metals As, Pb, Hg	TCLP Metals	HEM (oil and grease) 1664A	~~HOLD~~				% Moisture
1	DISP-1	10/17/18	1030	S	5	⊗	O		O	●				O						O			X				⊗
2	DISP-2	↓	1030	↓	↓	⊗	O		O	●													X				⊗
3	DISP-3	↓	1100	↓	↓	⊗			O														X				⊗
4	DISP-4	↓	1130	↓	↓	⊗			O														X				⊗
5	DISP-5	↓	1200	↓	↓	⊗																	X				⊗

	Signature	Company	Date	Time
Relinquished	[signature]	MGI	10/17/18	1420
Received	[signature]	OSE	10/17/18	1420
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

⊗ Added 10/23/18 · DB (STA)

O Added 10/25/18 ~~DB~~ STA

● Added 10/29/18 · DB (STA)

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☒ Electronic Data Deliverables (EDDs) ☒

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

November 5, 2018

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

Re: Analytical Data for Project P1356-B18
Laboratory Reference No. 1810-244

Dear Jason:

Enclosed are the analytical results and associated quality control data for samples submitted on October 18, 2018.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

Case Narrative

Samples were collected on October 18, 2018 and received by the laboratory on October 18, 2018. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

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

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**BASE N**					
Laboratory ID:	10-244-01					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	57	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil	**Detected**	110	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**SWN**					
Laboratory ID:	10-244-02					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	59	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				
Client ID:	**SWNE**					
Laboratory ID:	10-244-03					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**Detected**	55	NWTPH-HCID	10-24-18	10-24-18	N
Lube Oil	**Detected**	110	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**SWMID E**					
Laboratory ID:	10-244-04					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	59	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**BASE S**					
Laboratory ID:	10-244-05					
Gasoline Range Organics	**ND**	26	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	64	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	130	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SWMID W**					
Laboratory ID:	10-244-06					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	61	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*104*	*50-150*				
Client ID:	**SWSW**					
Laboratory ID:	10-244-07					
Gasoline Range Organics	**ND**	26	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	66	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	130	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**SWS**					
Laboratory ID:	10-244-08					
Gasoline Range Organics	**ND**	24	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	59	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil	**Detected**	120	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024S1					
Gasoline Range Organics	**ND**	20	NWTPH-HCID	10-24-18	10-24-18	
Diesel Range Organics	**ND**	50	NWTPH-HCID	10-24-18	10-24-18	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	10-24-18	10-24-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

BTEX
EPA 8021B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SWNE**					
Laboratory ID:	10-244-03					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.051	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.051	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.10	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.051	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*57-129*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

BTEX
EPA 8021B
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S1					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.10	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*57-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-226-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene					*77*	*75*		*57-129*			
SPIKE BLANKS											
Laboratory ID:	SB1026S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.853**	**0.861**	1.00	1.00		**85**	**86**	69-111	1	10	
Toluene	**0.826**	**0.837**	1.00	1.00		**83**	**84**	70-114	1	11	
Ethyl Benzene	**0.827**	**0.840**	1.00	1.00		**83**	**84**	70-115	2	10	
m,p-Xylene	**0.829**	**0.843**	1.00	1.00		**83**	**84**	72-115	2	10	
o-Xylene	**0.833**	**0.844**	1.00	1.00		**83**	**84**	71-115	1	11	
Surrogate:											
Fluorobenzene						*80*	*83*	*57-129*			

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**BASE N**					
Laboratory ID:	10-244-01					
Diesel Range Organics	**ND**	280	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil	**1300**	570	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**SWNE**					
Laboratory ID:	10-244-03					
Diesel Range Organics	**320**	280	NWTPH-Dx	10-26-18	10-26-18	N
Lube Oil	**1400**	550	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**SWS**					
Laboratory ID:	10-244-08					
Diesel Range Organics	**ND**	29	NWTPH-Dx	10-26-18	10-31-18	
Lube Oil	**200**	59	NWTPH-Dx	10-26-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-271-03										
	ORIG	DUP									
Diesel Fuel #2	**225**	**235**	NA	NA		NA		NA	4	NA	
Lube Oil	**454**	**426**	NA	NA		NA		NA	6	NA	
Surrogate:											
o-Terphenyl						*99*	*99*	*50-150*			

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**BASE N**					
Laboratory ID:	10-244-01					
Naphthalene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
2-Methylnaphthalene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
1-Methylnaphthalene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthylene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Fluorene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Pentachlorophenol	**ND**	3.8	EPA 8270D	10-31-18	11-3-18	
Phenanthrene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Anthracene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Fluoranthene	**0.032**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Pyrene	**0.038**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]anthracene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Chrysene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[b]fluoranthene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo(j,k)fluoranthene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]pyrene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Indeno[1,2,3-cd]pyrene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Dibenz[a,h]anthracene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[g,h,i]perylene	**ND**	0.030	EPA 8270D/SIM	10-31-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*79*	*19 - 103*				
Phenol-d6	*79*	*30 - 103*				
Nitrobenzene-d5	*75*	*27 - 105*				
2-Fluorobiphenyl	*81*	*36 - 102*				
2,4,6-Tribromophenol	*75*	*33 - 110*				
Terphenyl-d14	*97*	*38 - 108*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1031S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pentachlorophenol	**ND**	0.17	EPA 8270D	10-31-18	10-31-18	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*89*	*19 - 103*				
Phenol-d6	*92*	*30 - 103*				
Nitrobenzene-d5	*88*	*27 - 105*				
2-Fluorobiphenyl	*93*	*36 - 102*				
2,4,6-Tribromophenol	*96*	*33 - 110*				
Terphenyl-d14	*106*	*38 - 108*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-374-03										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.976**	**1.07**	1.33	1.33	ND	73	80	37 - 100	9	27	
2-Chlorophenol	**1.08**	**1.17**	1.33	1.33	ND	81	88	37 - 100	8	32	
1,4-Dichlorobenzene	**0.539**	**0.580**	0.667	0.667	ND	81	87	23 - 100	7	37	
n-Nitroso-di-n-propylamine	**0.526**	**0.560**	0.667	0.667	ND	79	84	40 - 100	6	28	
1,2,4-Trichlorobenzene	**0.549**	**0.601**	0.667	0.667	ND	82	90	37 - 100	9	30	
4-Chloro-3-methylphenol	**1.13**	**1.20**	1.33	1.33	ND	85	90	46 - 100	6	25	
Acenaphthene	**0.567**	**0.581**	0.667	0.667	ND	85	87	43 - 100	2	25	
4-Nitrophenol	**1.21**	**1.22**	1.33	1.33	ND	91	92	31 - 104	1	28	
2,4-Dinitrotoluene	**0.567**	**0.564**	0.667	0.667	ND	85	85	31 - 100	1	32	
Pentachlorophenol	**1.42**	**1.42**	1.33	1.33	ND	107	107	20 - 123	0	29	
Pyrene	**0.597**	**0.608**	0.667	0.667	ND	90	91	28 - 114	2	35	
Surrogate:											
2-Fluorophenol						*73*	*80*	*19 - 103*			
Phenol-d6						*74*	*80*	*30 - 103*			
Nitrobenzene-d5						*74*	*79*	*27 - 105*			
2-Fluorobiphenyl						*77*	*80*	*36 - 102*			
2,4,6-Tribromophenol						*87*	*86*	*33 - 110*			
Terphenyl-d14						*87*	*89*	*38 - 108*			

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SWNE**					
Laboratory ID:	10-244-03					
Methyl t-Butyl Ether	ND	0.00082	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.00082	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.00082	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*103*	*71-132*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1029S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*68-139*				
Toluene-d8	*102*	*79-128*				
4-Bromofluorobenzene	*101*	*71-132*				

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1029S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0494**	**0.0499**	0.0500	0.0500	99	100	53-141	1	17	
Benzene	**0.0528**	**0.0507**	0.0500	0.0500	106	101	70-130	4	15	
Trichloroethene	**0.0488**	**0.0476**	0.0500	0.0500	98	95	74-122	2	16	
Toluene	**0.0499**	**0.0486**	0.0500	0.0500	100	97	76-130	3	15	
Chlorobenzene	**0.0462**	**0.0461**	0.0500	0.0500	92	92	75-120	0	14	
Surrogate:										
Dibromofluoromethane					*103*	*102*	*68-139*			
Toluene-d8					*99*	*99*	*79-128*			
4-Bromofluorobenzene					*98*	*101*	*71-132*			

Date of Report: November 5, 2018
Samples Submitted: October 18, 2018
Laboratory Reference: 1810-244
Project: P1356-B18

% MOISTURE

Date Analyzed: 10-24-18

Client ID	Lab ID	% Moisture
BASE N	10-244-01	12
SWN	10-244-02	15
SWNE	10-244-03	10
SWMID E	10-244-04	15
BASE S	10-244-05	22
SWMID W	10-244-06	18
SWSW	10-244-07	24
SWS	10-244-08	15

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 10-244

Company:	MAGI GROUP, INC.
Project Number:	P1356-B18
Project Name:	SPU DWW
Project Manager:	JDS
Sampled by:	JDS

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-G (BTEX)	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	BASEN	10/5/18	1037	S	2	X			O					O									X				X
2	SWN		1032			X																	X				O
3	SWNE		1028			X	O		O	●													X				X
4	SWMIDE		1023			X																	X				X
5	BASES		0959			X																	X				X
6	SWMIDW		0958			X																	X				X
7	SWSW		0955			X																	X				X
8	SWS		0950			X			O														X				X

	Signature	Company	Date	Time
Relinquished		MGI	10/8/18	1325
Received		OSE	10/8/18	1325
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

X Added 10/23/18. DB (STA)

O Added 10/25/18 BCE STA

● Added 10/29/18 DB (STA)

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☒ Electronic Data Deliverables (EDDs) ☒

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

November 6, 2018

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

Re: Analytical Data for Project P1356-B18
Laboratory Reference No. 1810-271

Dear Jason:

Enclosed are the analytical results and associated quality control data for samples submitted on October 22, 2018.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

Case Narrative

Samples were collected on October 22, 2018 and received by the laboratory on October 22, 2018. They were maintained at the laboratory at a temperature of 2°C to 6°C.

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

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

Semivolatiles EPA 8270D/SIM Analysis

Sample Disp-2 had one surrogate recovery outside of control limits. The sample was re-extracted and re-analyzed with similar results, indicating probable matrix interference.

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

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Disp-1**					
Laboratory ID:	10-271-01					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	10-23-18	10-23-18	
Diesel Range Organics	**Detected**	53	NWTPH-HCID	10-23-18	10-23-18	
Lube Oil	**Detected**	110	NWTPH-HCID	10-23-18	10-23-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**Disp-2**					
Laboratory ID:	10-271-02					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	10-23-18	10-23-18	
Diesel Fuel #2	**Detected**	54	NWTPH-HCID	10-23-18	10-23-18	
Lube Oil Range Organics	**Detected**	110	NWTPH-HCID	10-23-18	10-23-18	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**Trench-1**					
Laboratory ID:	10-271-03					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	10-23-18	10-23-18	
Diesel Fuel #2	**Detected**	54	NWTPH-HCID	10-23-18	10-23-18	
Lube Oil	**Detected**	110	NWTPH-HCID	10-23-18	10-23-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**Trench-2**					
Laboratory ID:	10-271-04					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	10-23-18	10-23-18	
Diesel Range Organics	**Detected**	56	NWTPH-HCID	10-23-18	10-23-18	N
Lube Oil	**Detected**	110	NWTPH-HCID	10-23-18	10-23-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**SUMP**					
Laboratory ID:	10-271-05					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	10-23-18	10-23-18	
Diesel Range Organics	**Detected**	54	NWTPH-HCID	10-23-18	10-23-18	N
Lube Oil	**Detected**	110	NWTPH-HCID	10-23-18	10-23-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1023S1					
Gasoline Range Organics	**ND**	20	NWTPH-HCID	10-23-18	10-23-18	
Diesel Range Organics	**ND**	50	NWTPH-HCID	10-23-18	10-23-18	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	10-23-18	10-23-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

BTEX
EPA 8021B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trench-1**					
Laboratory ID:	10-271-03					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.046	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.046	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.092	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.046	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*57-129*				
Client ID:	**SUMP**					
Laboratory ID:	10-271-05					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.044	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.044	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.087	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.044	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*57-129*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

BTEX
EPA 8021B
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S1					
Benzene	**ND**	0.020	EPA 8021B	10-26-18	10-26-18	
Toluene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Ethyl Benzene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
m,p-Xylene	**ND**	0.10	EPA 8021B	10-26-18	10-26-18	
o-Xylene	**ND**	0.050	EPA 8021B	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*57-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-226-01										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*77*	*75*	*57-129*			
SPIKE BLANKS											
Laboratory ID:	SB1026S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.853**	**0.861**	1.00	1.00		**85**	**86**	69-111	1	10	
Toluene	**0.826**	**0.837**	1.00	1.00		**83**	**84**	70-114	1	11	
Ethyl Benzene	**0.827**	**0.840**	1.00	1.00		**83**	**84**	70-115	2	10	
m,p-Xylene	**0.829**	**0.843**	1.00	1.00		**83**	**84**	72-115	2	10	
o-Xylene	**0.833**	**0.844**	1.00	1.00		**83**	**84**	71-115	1	11	
Surrogate:											
Fluorobenzene						*80*	*83*	*57-129*			

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Disp-1**					
Laboratory ID:	10-271-01					
Diesel Range Organics	**220**	26	NWTPH-Dx	10-26-18	10-29-18	
Lube Oil	**380**	53	NWTPH-Dx	10-26-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**Disp-2**					
Laboratory ID:	10-271-02					
Diesel Fuel #2	**1900**	54	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil Range Organics	**690**	110	NWTPH-Dx	10-26-18	10-26-18	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				
Client ID:	**Trench-1**					
Laboratory ID:	10-271-03					
Diesel Fuel #2	**250**	140	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil	**490**	270	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**Trench-2**					
Laboratory ID:	10-271-04					
Diesel Range Organics	**77**	28	NWTPH-Dx	10-26-18	10-29-18	N
Lube Oil	**520**	56	NWTPH-Dx	10-26-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**SUMP**					
Laboratory ID:	10-271-05					
Diesel Range Organics	**110**	54	NWTPH-Dx	10-26-18	10-29-18	N
Lube Oil	**750**	110	NWTPH-Dx	10-26-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*117*	*50-150*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
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Project: P1356-B18

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-26-18	10-26-18	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-26-18	10-26-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	10-271-03									
	ORIG	DUP								
Diesel Fuel #2	**225**	**235**	NA	NA		NA	NA	4	NA	
Lube Oil	**454**	**426**	NA	NA		NA	NA	6	NA	
Surrogate:										
o-Terphenyl						*99* *99*	*50-150*			

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Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Disp-2**					
Laboratory ID:	10-271-02					
Naphthalene	**0.022**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
2-Methylnaphthalene	**0.062**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
1-Methylnaphthalene	**0.048**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Acenaphthylene	**0.016**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Acenaphthene	**0.015**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Fluorene	**0.090**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Pentachlorophenol	**ND**	1.8	EPA 8270D	10-31-18	11-3-18	
Phenanthrene	**0.18**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Anthracene	**0.073**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Fluoranthene	**0.050**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Pyrene	**0.34**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Benzo[a]anthracene	**0.028**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Chrysene	**0.040**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Benzo[b]fluoranthene	**0.044**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Benzo(j,k)fluoranthene	**ND**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Benzo[a]pyrene	**0.032**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Indeno[1,2,3-cd]pyrene	**0.030**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Dibenz[a,h]anthracene	**ND**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Benzo[g,h,i]perylene	**0.035**	0.014	EPA 8270D/SIM	10-31-18	11-1-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*41*	*19 - 103*				
Phenol-d6	*59*	*30 - 103*				
Nitrobenzene-d5	*66*	*27 - 105*				
2-Fluorobiphenyl	*76*	*36 - 102*				
2,4,6-Tribromophenol	*7.4*	*33 - 110*				Q
Terphenyl-d14	*92*	*38 - 108*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1031S1					
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Acenaphthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluorene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pentachlorophenol	**ND**	0.17	EPA 8270D	10-31-18	10-31-18	
Phenanthrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Chrysene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270D/SIM	10-31-18	10-31-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*89*	*19 - 103*				
Phenol-d6	*92*	*30 - 103*				
Nitrobenzene-d5	*88*	*27 - 105*				
2-Fluorobiphenyl	*93*	*36 - 102*				
2,4,6-Tribromophenol	*96*	*33 - 110*				
Terphenyl-d14	*106*	*38 - 108*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

PAHs + PCP EPA 8270D/SIM
MS/MSD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	10-374-03										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.976**	**1.07**	1.33	1.33	ND	73	80	37 - 100	9	27	
2-Chlorophenol	**1.08**	**1.17**	1.33	1.33	ND	81	88	37 - 100	8	32	
1,4-Dichlorobenzene	**0.539**	**0.580**	0.667	0.667	ND	81	87	23 - 100	7	37	
n-Nitroso-di-n-propylamine	**0.526**	**0.560**	0.667	0.667	ND	79	84	40 - 100	6	28	
1,2,4-Trichlorobenzene	**0.549**	**0.601**	0.667	0.667	ND	82	90	37 - 100	9	30	
4-Chloro-3-methylphenol	**1.13**	**1.20**	1.33	1.33	ND	85	90	46 - 100	6	25	
Acenaphthene	**0.567**	**0.581**	0.667	0.667	ND	85	87	43 - 100	2	25	
4-Nitrophenol	**1.21**	**1.22**	1.33	1.33	ND	91	92	31 - 104	1	28	
2,4-Dinitrotoluene	**0.567**	**0.564**	0.667	0.667	ND	85	85	31 - 100	1	32	
Pentachlorophenol	**1.42**	**1.42**	1.33	1.33	ND	107	107	20 - 123	0	29	
Pyrene	**0.597**	**0.608**	0.667	0.667	ND	90	91	28 - 114	2	35	
Surrogate:											
2-Fluorophenol						*73*	*80*	*19 - 103*			
Phenol-d6						*74*	*80*	*30 - 103*			
Nitrobenzene-d5						*74*	*79*	*27 - 105*			
2-Fluorobiphenyl						*77*	*80*	*36 - 102*			
2,4,6-Tribromophenol						*87*	*86*	*33 - 110*			
Terphenyl-d14						*87*	*89*	*38 - 108*			

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Disp-2**					
Laboratory ID:	10-271-02					
Arsenic	**ND**	11	EPA 6010D	10-26-18	10-26-18	
Lead	**21**	5.4	EPA 6010D	10-26-18	10-26-18	
Mercury	**ND**	0.27	EPA 7471B	10-26-18	10-26-18	

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Project: P1356-B18

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Arsenic	**ND**	10	EPA 6010D	10-26-18	10-26-18	
Lead	**ND**	5.0	EPA 6010D	10-26-18	10-26-18	
Laboratory ID:	MB1026S1					
Mercury	**ND**	0.25	EPA 7471B	10-26-18	10-26-18	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-309-02										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	10-309-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-309-02										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**94.0**	**99.6**	100	100	ND	**94**	**100**	75-125	6	20	
Lead	**250**	**247**	250	250	ND	**100**	**99**	75-125	1	20	
Laboratory ID:	10-309-02										
Mercury	**0.482**	**0.507**	0.500	0.500	0.0194	**93**	**98**	80-120	5	20	

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trench-1**					
Laboratory ID:	10-271-03					
Methyl t-Butyl Ether	ND	0.00083	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.00083	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.00083	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*102*	*71-132*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SUMP**					
Laboratory ID:	10-271-05					
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*68-139*				
Toluene-d8	*101*	*79-128*				
4-Bromofluorobenzene	*102*	*71-132*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
METHOD BLANK QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1029S1					
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	10-29-18	10-29-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*68-139*				
Toluene-d8	*102*	*79-128*				
4-Bromofluorobenzene	*101*	*71-132*				

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1029S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0494**	**0.0499**	0.0500	0.0500	99	100	53-141	1	17	
Benzene	**0.0528**	**0.0507**	0.0500	0.0500	106	101	70-130	4	15	
Trichloroethene	**0.0488**	**0.0476**	0.0500	0.0500	98	95	74-122	2	16	
Toluene	**0.0499**	**0.0486**	0.0500	0.0500	100	97	76-130	3	15	
Chlorobenzene	**0.0462**	**0.0461**	0.0500	0.0500	92	92	75-120	0	14	
Surrogate:										
Dibromofluoromethane					*103*	*102*	*68-139*			
Toluene-d8					*99*	*99*	*79-128*			
4-Bromofluorobenzene					*98*	*101*	*71-132*			

Date of Report: November 6, 2018
Samples Submitted: October 22, 2018
Laboratory Reference: 1810-271
Project: P1356-B18

% MOISTURE

Date Analyzed: 10-23-18

Client ID	Lab ID	% Moisture
Disp-1	10-271-01	5
Disp-2	10-271-02	7
Trench-1	10-271-03	8
Trench-2	10-271-04	10
SUMP	10-271-05	7

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

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Company: MIGIZI GROUP INC.
Project Number: P1356-B1-E
Project Name: SPU-DST
Project Manager: VDS
Sampled by: VDS

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 10-271

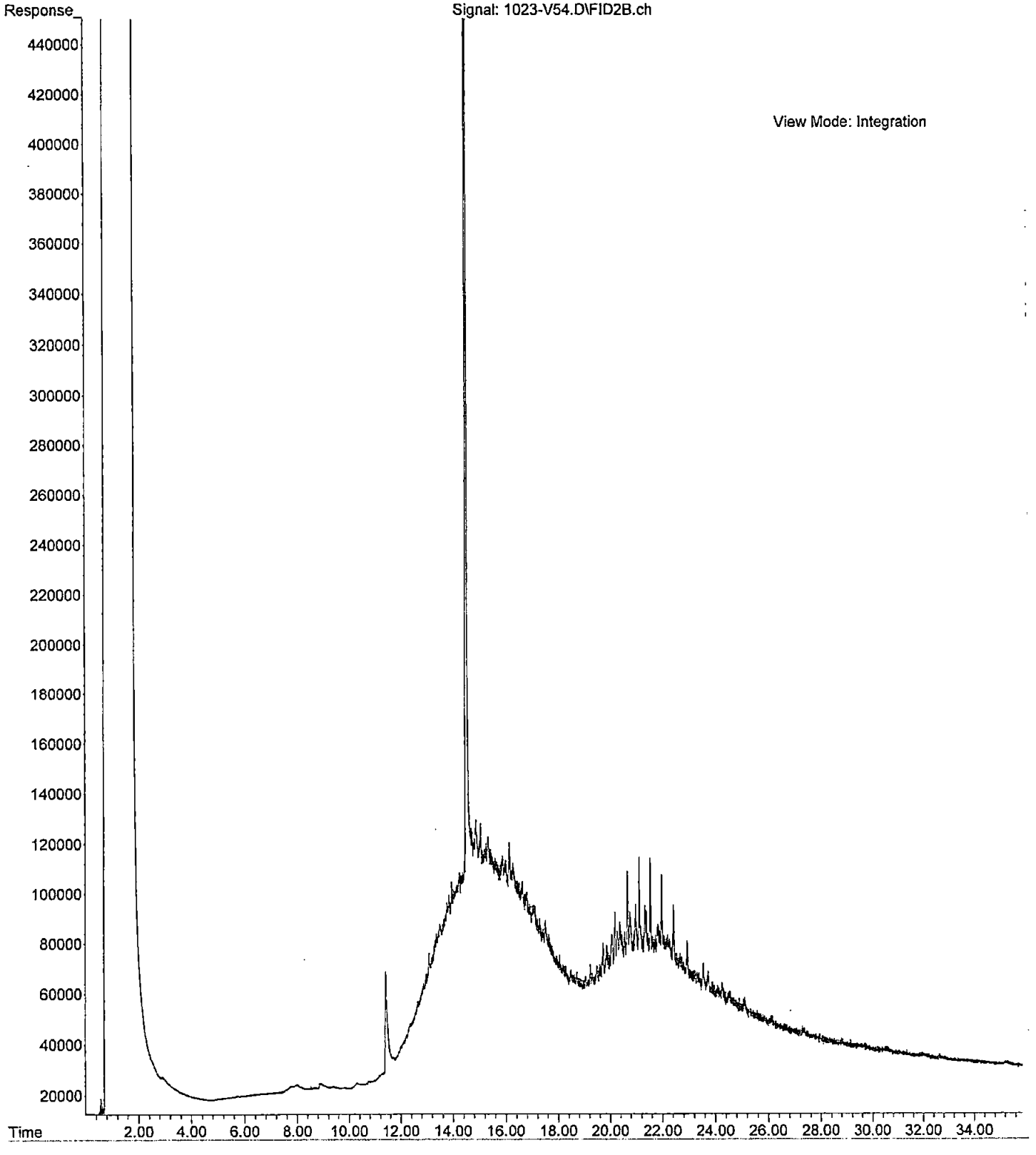
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx (BTEX)	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C EDB, EDC, MTBE	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level) + 8270	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total Metals As Pb Hg	TCLP Metals	HEM (oil and grease) 1664A	Trench				% Moisture
1	DISP-1	10/22/18	1020	S	5	X			X																		X
2	DISP-2		1030			X			X					X						X							
3	TRENCH-1		1115			X	X		X	O																	
4	TRENCH-2		1145			X			X																		
5	SUMP	↓	1200	↓	↓	X	X		X	O																	

	Signature	Company	Date	Time
Relinquished		MGI	10/22/18	1425
Received		OSE	10/22/18	1425
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

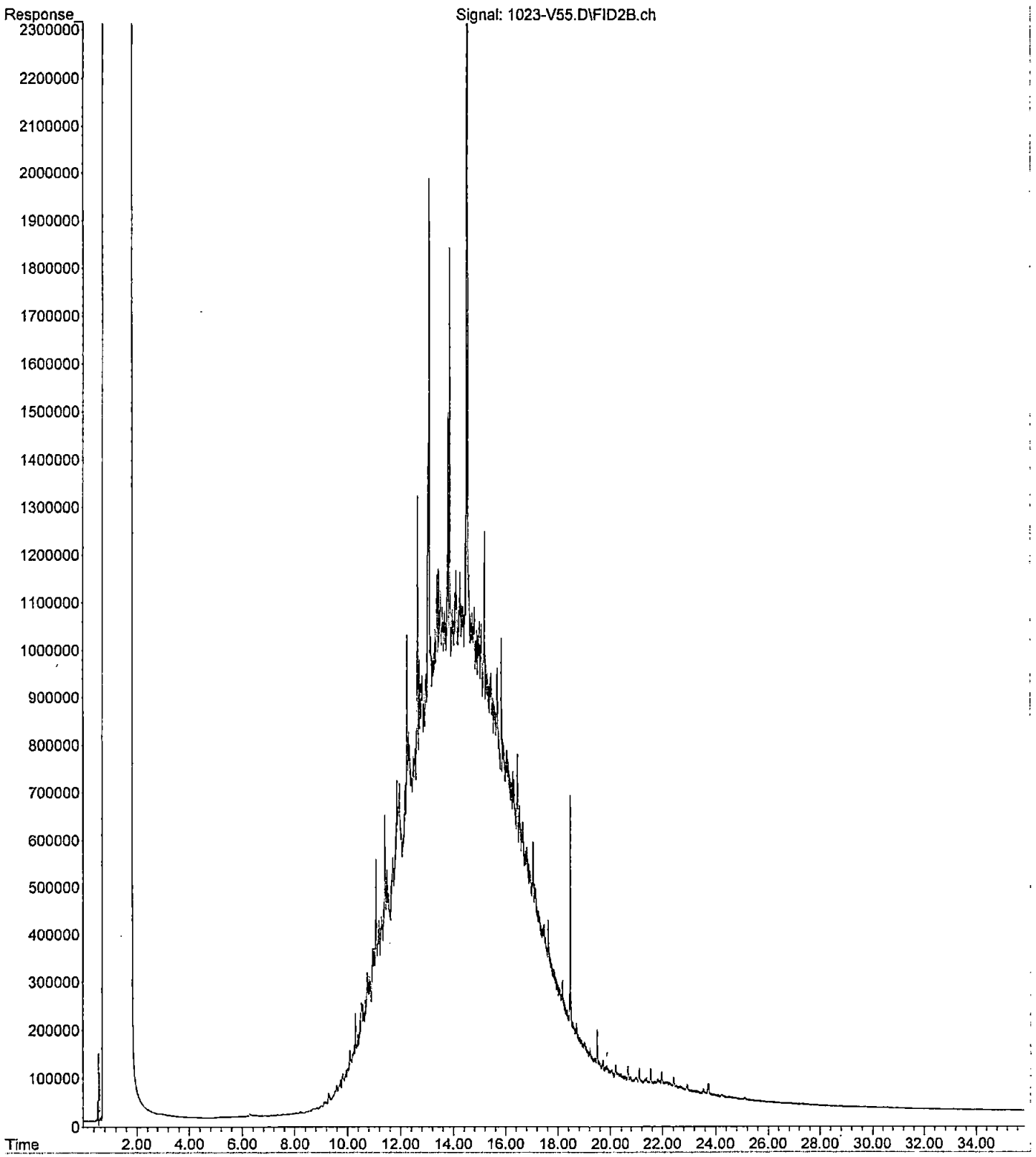
Comments/Special Instructions
X Added 10/25/18 BC
→ STA
O Added 10/29/18. DB (STA)

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☒ Electronic Data Deliverables (EDDs) ☐

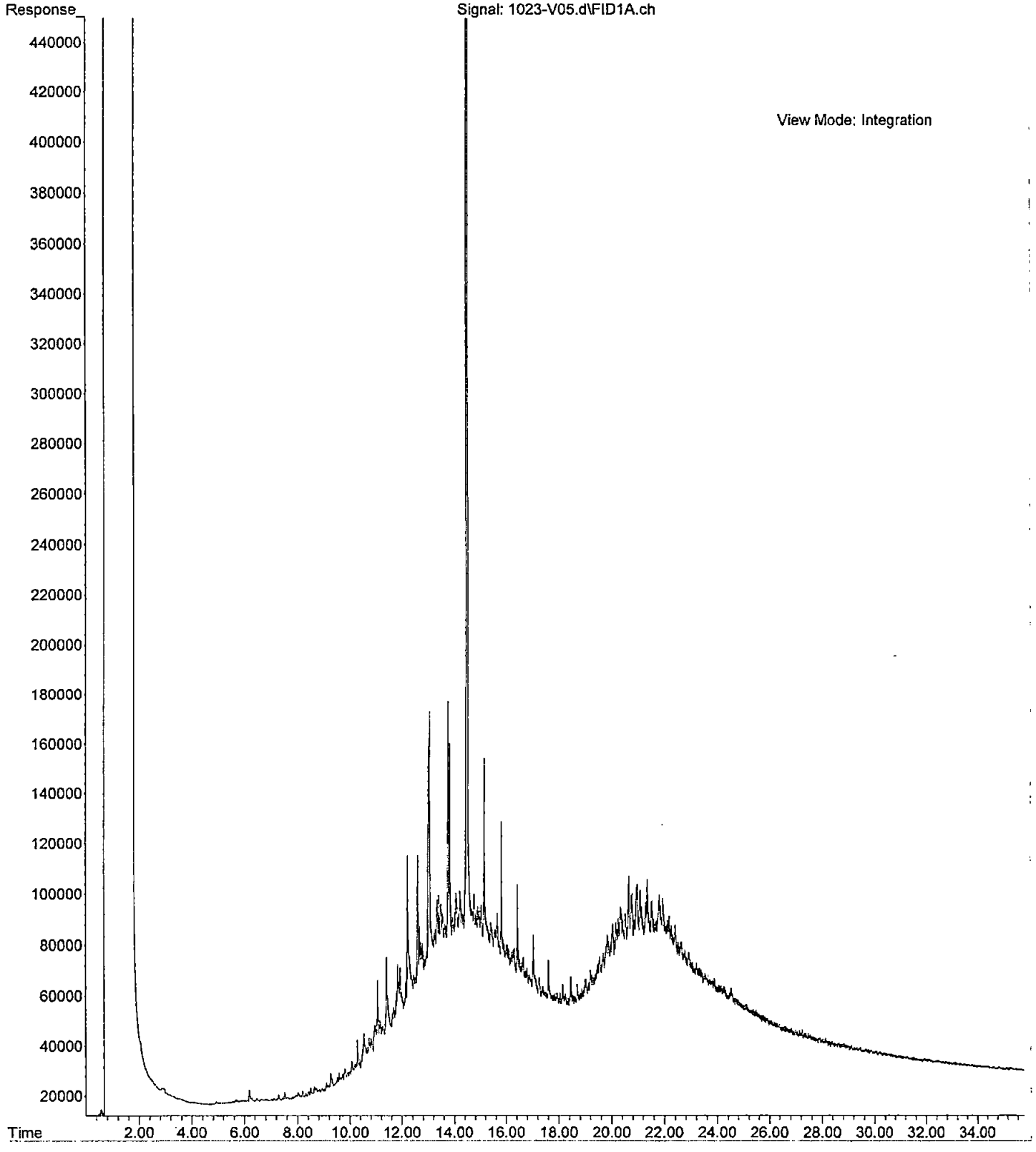
File :C:\msdchem\2\data\V181023.SEC\1023-V54.D
Operator : JT
Acquired : 23 Oct 2018 10:09 using AcqMethod V180601F.M
Instrument : Vigo
Sample Name: 10-271-01
Misc Info :
Vial Number: 54



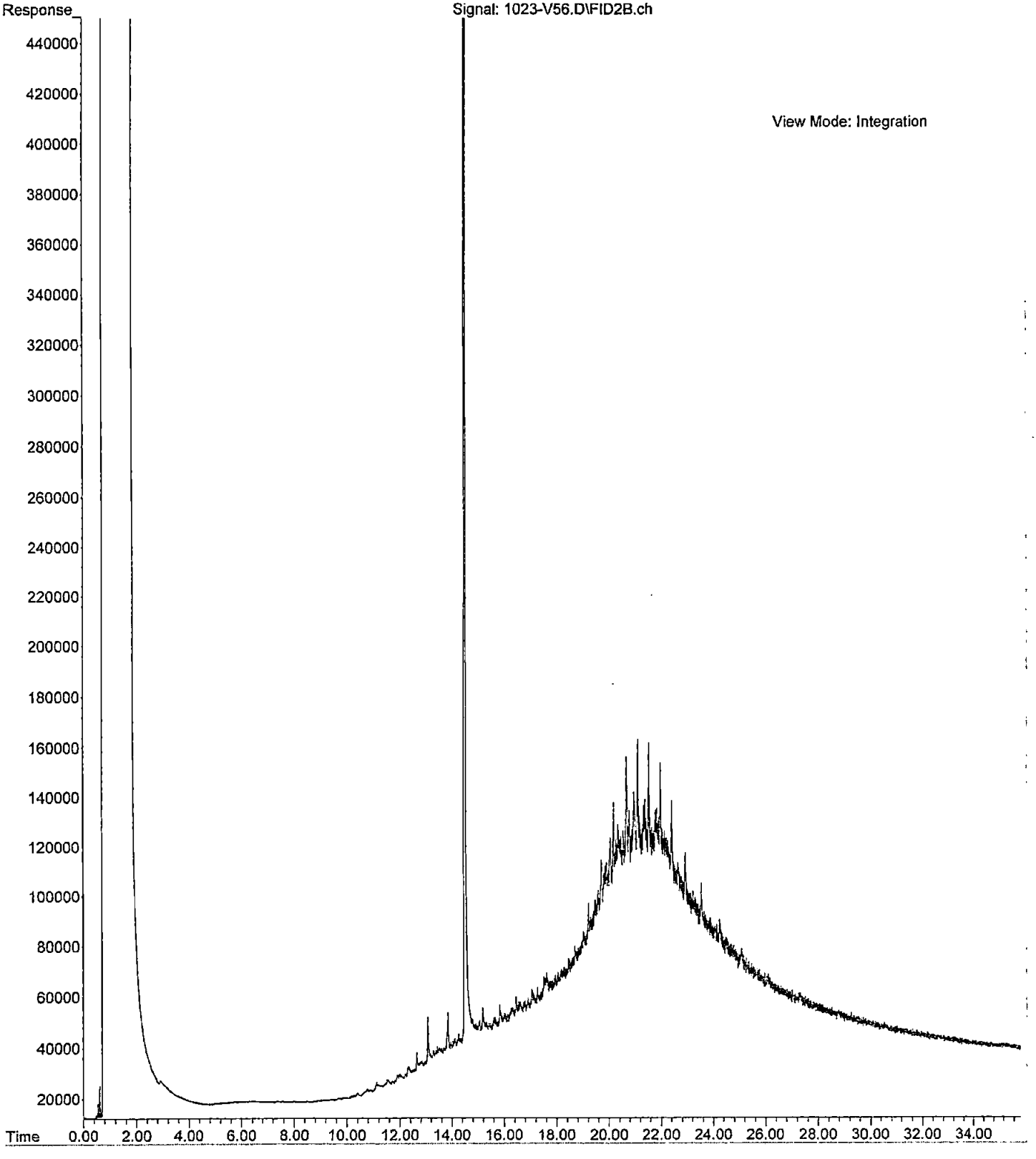
File : C:\msdchem\2\data\V181023.SEC\1023-V55.D
Operator : JT
Acquired : 23 Oct 2018 10:49 using AcqMethod V180601F.M
Instrument : Vigo
Sample Name: 10-271-02
Misc Info :
Vial Number: 55



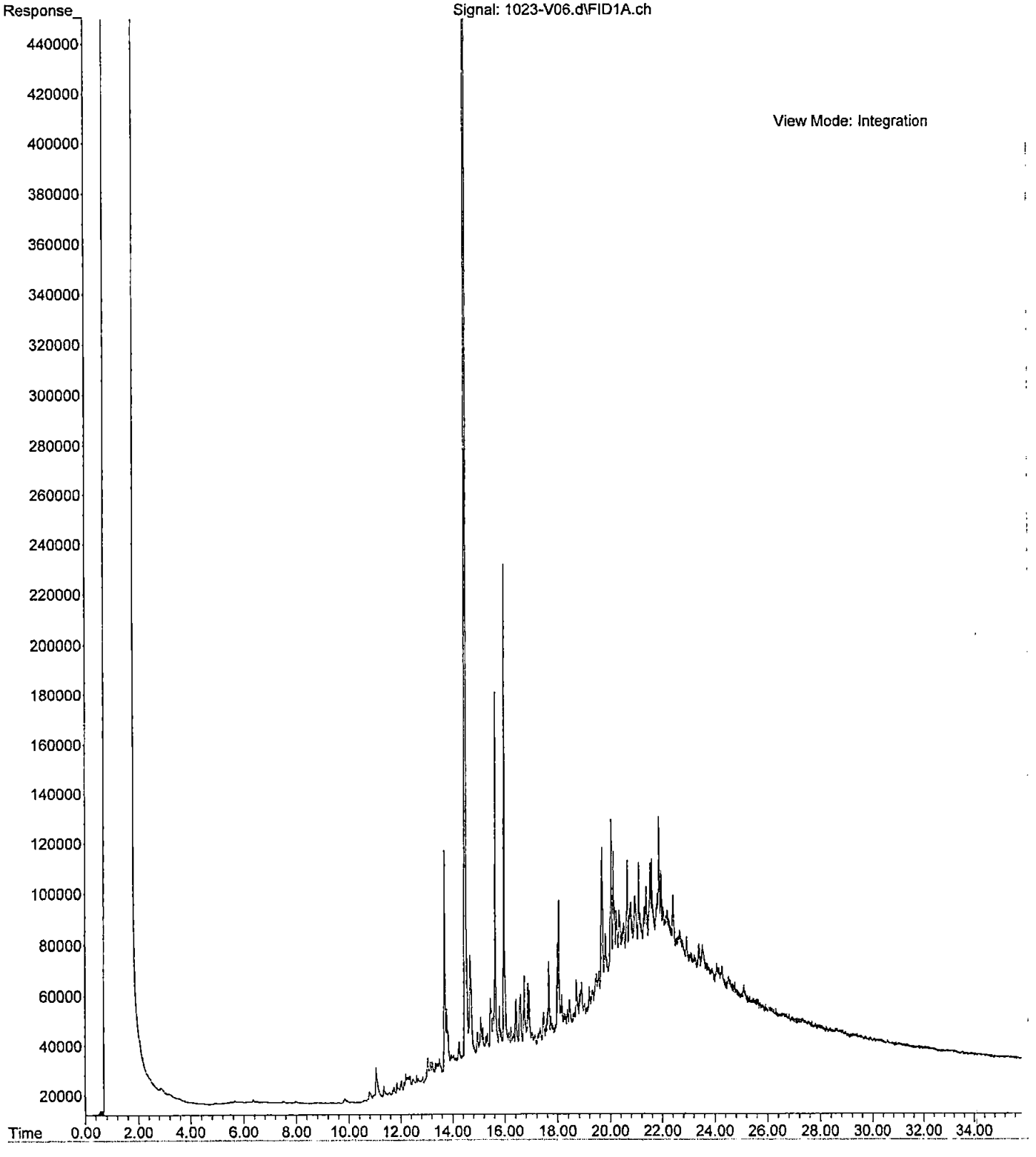
File :C:\msdchem\2\data\V181023\1023-V05.d
Operator : JT
Acquired : 23 Oct 2018 10:49 using AcqMethod V180601F.M
Instrument : Vigo
Sample Name: 10-271-03
Misc Info :
Vial Number: 5



File :C:\msdchem\2\data\V181023.SEC\1023-V56.D
Operator : JT
Acquired : 23 Oct 2018 11:29 using AcqMethod V180601F.M
Instrument : Vigo
Sample Name: 10-271-04
Misc Info :
Vial Number: 56



File :C:\msdchem\2\data\V181023\1023-V06.d
Operator : JT
Acquired : 23 Oct 2018 11:29 using AcqMethod V180601F.M
Instrument : Vigo
Sample Name: 10-271-05
Misc Info :
Vial Number: 6



APPENDIX C
PUMP, RINSE, & INERTION DOCUMENTS

Wed 10/17/18 @ 9AM

Your Seattle Fire Department

RECEIVED
OCT 10 2018
PERMIT SECTION

APPLICATION FOR TEMPORARY PERMIT

Code 7908 — **Commercial Tank Removal/Decommissioning**

Permit Fee: $255.00

Date Issued: 10-17-18

Tank(s) must be removed from site on the same day as permit is issued!

TO BE COMPLETED BY PERMIT APPLICANT

FIRM NAME	WYSER Construction Co., Inc.	
MAILING ADDRESS	19015 109th Ave SE	SUITE
CITY	Snohomish	STATE WA ZIP 98296
JOBSITE ADDRESS	4500 W. Marginal Way SW	
CONTACT PERSON	Darren Ness	PHONE NUMBER (206)-678-5122

Number of Tank(s): 2 Tank Size(s): (3) 1k-g; (1) 3k-g; (1) 5k-g; (1) 20k-g

|X| Aboveground tank

Product(s) Previously Contained: waste oil, motor oil, transmission oil, antifreeze, gasoline, diesel

☒ Underground tank

|X| Removal (Marine Chemist inspection and certificate required for all tanks regardless of size or contents)

☐ Abandonment-in-Place (Marine Chemist certificate required for tanks previously containing Class I flammable liquids and/or unknowns)

Hot work being conducted: ☐ No ☒ Yes (If yes, a separate hot work permit is required) Val # 104

Permit applications may be submitted in person weekdays from 8:00 a.m. to 4:30 p.m., or mailed to:

Seattle Fire Department
Fire Marshal's Office – Permits
220 Third Ave S, 2nd Floor
Seattle, WA 98104-2608

To pay with a Visa or Master Card: Fax or email this application
THEN CALL US TO CONFIRM RECEIPT AND MAKE PAYMENT
Tel: (206) 386-1450 / Fax: (206) 386-1348
E-mail: permits@seattle.gov

Call 386-1450, at least 24 hours prior to needed inspection time to arrange for an appointment.
TANKS MAY BE REMOVED/DECOMMISSIONED ONLY AFTER FIRE DEPARTMENT INSPECTION
NO HOT WORK IS ALLOWED ON A TANK SYSTEM PRIOR TO ISSUANCE OF THIS FIRE DEPARTMENT PERMIT!

Permission is hereby granted to remove or decommission the tank(s) identified in this permit in accordance with the attached conditions, all noted special conditions, and all applicable provisions of the Seattle Fire Code, federal, state and local regulations. **THIS PERMIT IS NULL AND VOID IF PERMIT CONDITIONS ARE NOT ATTACHED**

Special permit conditions: *Tank removal/decommissioning must be performed, or directly supervised, by an ICC certified individual (WAC 173-360-600)*

FMO USE:
Check No.: CC 000136931011 18
Receipt No.: 5-296046
Application ID#: 114758

APPROVED BY:
Inspector: Jerry Dremus SFD ID# 1310
Name of Marine Chemist _____ Certificate # _____
Date: 10-17-18

(01/17)

COMMERCIAL TANK REMOVAL/DECOMMISSIONING PERMIT CONDITIONS

1. Two (2) portable fire extinguishers each having a minimum rating of 40 BC shall be on site within 50 feet of the operation. Fire extinguishers shall be inspected, approved and certified annually.

2. Rope or ribbon barricades located at least 10 feet from the tank shall surround every outdoor storage tank removal or decommissioning operation or the operation shall be enclosed in a fenced yard.

3. "No Smoking" signs shall be posted in readily visible locations.

4. No hot work is allowed on a tank system prior to issuance of this permit and the tank is certified "Safe for Hot Work" by a Certified Marine Chemist. Hot work means any activities involving riveting, welding, burning, brazing, soldering, heating, chopping, grinding, ripping, drilling, cutting with a chop saw or "Sawzall", abrasive blasting, use of powder-actuated tools or similar spark-producing operations, crushing or mechanically shearing to facilitate opening for cleaning, disposal, scrapping for recycling purposes.

5. A separate temporary Seattle Fire Department permit (Code 4913) or a validation number assigned in conjunction with an annual hot work permit (Code 4911 or 4912) is required prior to any hot work operations.

6. Permits may cover multiple tanks located at the same address. If additional tanks are to be removed or abandoned at later dates, separate permits shall be obtained. Each address location requires a separate permit application regardless of whether multiple address locations are physically next to one another.

7. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are Monday through Friday, 8:00 a.m. to 4:30 p.m.)

8. No excavation of an underground tank is permitted prior to inspection by the Seattle Fire Marshal's Office.
   Exception: Removal of the top layer of asphalt or concrete only with no removal of dirt, pea gravel or soil over the underground storage tank. Further excavation may be allowed by a Seattle Fire Department Special Hazards Unit Inspector prior to the initial inspection depending on conditions and if the tank has been inerted by a Marine Chemist who is present on site. The name of the inspector and the time permission was given shall be made available at time of inspection.

9. Prior to inspection, to ensure tanks and connected piping are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tanks have been pumped and rinsed by an approved company. Product and rinse water must be disposed of in an approved manner.

10. For tanks being decommissioned in place that previously contained Class I liquids, a Certified Marine Chemist certificate must be issued and available on site for inspection certifying that the tank has been properly inerted prior to filling.

11. No tank shall be filled prior to an inspection by the Seattle Fire Marshal's Office.

12. Tanks being decommissioned in place must be filled with a lean concrete mixture. Filling with foam is prohibited.

13. A Marine Chemist's certificate verifying the tank has been properly inerted or is otherwise certified "Safe for Hot Work" shall be issued and available on site for inspection for each underground and aboveground tank being removed regardless of the product previously contained.

14. If tanks are being removed, the tanks' atmosphere must be inert using one of the following approved methods:
    - Dry ice (pellets or chunks of solid CO_2). Minimum 40 lbs per 1000 gallons of tank capacity is recommended.
    - Compressed CO_2 gas in cylinders (Note: This method may only be performed by a Certified Marine Chemist).
    - Purging with air (gas-freeing) using Venturi tube apparatus, with proper bonding and grounding and after the tank has been pumped and rinsed by an approved company.

15. A maximum reading of less than 6% of oxygen must be obtained prior to the removal of the tanks if CO_2 or another inert gas, as approved by the Marine Chemist, is used to inert the tank or, a reading of 0% LEL must be obtained prior to removal of the tank if the air-purging (Venturi air moving devices) method is used.

16. All local, state and federal regulations for confined space entry shall be complied with prior to entering an underground storage tank.

17. Tanks with baffles to prevent movement of liquid must be certified gas-freed or inerted by a Certified Marine Chemist or a Petroleum Industry Safety Engineer regularly engaged in that business prior to removal.

18. Tanks being removed must be removed from the site and relocated to a remote, approved facility on the same day that the permit is issued.

19. During the hot work operations, digging, excavating, hauling or transport of petroleum storage tanks that have not been cleaned and gas-freed, tanks must be inerted to less than 6% oxygen. All openings are to be cap closed and secured except for one 1/8" hole drilled through a cap. These tanks are to be sprayed painted with "INERTED, DO NOT ENTER" or "INERTED WITH CO_2, NOT SAFE FOR WORKERS".

Marine Vacuum Service, Inc.
GENERAL CONTRACTOR
CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, Washington 98124
Telephone (206) 762-0240
FAX (206) 763-8084
1-800-540-7491

AST/UST STORAGE TANK PUMP & RINSE CERTIFICATE

Tank Size: 8- Various sizes

Last Contents Used oil, motor oil, antifreeze & transmission oil

Tank Location: 4500 W Marginal Way S
Seattle, WA

Marine Vacuum Service, Inc. certifies that the above mentioned tank(s) have been triple rinsed in accordance with the industry standard as outlined in 40 CFR PART 280.70, WAC 173-360-380(1), API 1604, API 2015 and that all residual product and rinsate has been disposed of in accordance with Federal, State and Local regulations. Tanks listed above are **NOT GAS FREE** or **NOT SAFE FOR HOT WORK**

Tank Owner: SPU

Contractor: Wyser

M.V.S. Representative: [signature]

Date: October 15, 2018

Notes:

Marine Vacuum Service, Inc.
GENERAL CONTRACTOR
CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, Washington 98124
Telephone (206) 762-0240
FAX (206) 763-8084
1-800-540-7491

AST/UST STORAGE TANK PUMP & RINSE CERTIFICATE

Tank Size: 5,000 gallon

Last Contents Gasoline

Tank Location: 4500 W Marginal Way S
Seattle, WA

Marine Vacuum Service, Inc. certifies that the above mentioned tank(s) have been triple rinsed in accordance with the industry standard as outlined in 40 CFR PART 280.70, WAC 173-360-380(I), API 1604, API 2015 and that all residual product and rinsate has been disposed of in accordance with Federal, State and Local regulations. Tanks listed above are **NOT GAS FREE** or **NOT SAFE FOR HOT WORK**

Tank Owner: SPU

Contractor: Wyser

M.V.S. Representative: D Sel

Date: October 15, 2018

Notes:

Marine Vacuum Service, Inc.

GENERAL CONTRACTOR

CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, Washington 98124

Telephone (206) 762-0240

FAX (206) 763-8084

1-800-540-7491

AST/UST STORAGE TANK PUMP & RINSE CERTIFICATE

Tank Size: 20,000 gallons

Last Contents Diesel

Tank Location: 4500 W Marginal Way S

Seattle, WA

Marine Vacuum Service, Inc. certifies that the above mentioned tank(s) have been triple rinsed in accordance with the industry standard as outlined in 40 CFR PART 280.70, WAC 173-360-380(I), API 1604, API 2015 and that all residual product and rinsate has been disposed of in accordance with Federal, State and Local regulations. Tanks listed above are **NOT GAS FREE** or **NOT SAFE FOR HOT WORK**

Tank Owner: SPU

Contractor: Wyser

M.V.S. Representative: [signature]

Date: October 15, 2018

Notes:

STRAIGHT BILL OF LADING
ORIGINAL — NOT NEGOTIABLE

Shipper No. 16950

Carrier No. _____

Page _____ of _____

MARINE VACUUM SERVICE INC.
(Name of carrier) (SCAC)

Date 10 15 18

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee MARINE VACUUM SERVICE INC.
Street 1516 SOUTH GRAHAM STREET
City SEATTLE State WA Zip Code 98108

FROM:
Shipper WYSER CONST
Street 4500 W MARGINAL WAY S.
City Seattle State WA Zip Code
24 hr. Emergency Contact Tel. No. CHEMTEL 1-800-255-3924 CONTRACT MIS3627926

Route

Vehicle Number 024

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT	600	Galls		
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
1TT		MUD/ MUCK NON REG BY DOT	3	Gals		

PLACARDS TENDERED: YES ☐ NO ☒

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER _____

PER _____

10 15 18

CARRIER MAR. VAC

PER _____

DATE 10 15 18

1

Permanent post-office address of shipper.

STRAIGHT BILL OF LADING
ORIGINAL — NOT NEGOTIABLE

Shipper No. 07707

Carrier No. MV

Page 1 of 1

MARINE VACUUM SERVICE INC.
(Name of carrier) (SCAC)

Date 10-17-18

If Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee MARINE VACUUM SERVICE INC.
Street 1516 SOUTH GRAHAM STREET
City SEATTLE State WA Zip Code 98108

FROM:
Shipper WSDOT Construction
Street 4500 W Marginal Way SW
City Seattle State WA Zip Code

24 hr. Emergency Contact Tel. No. CHEMTEL 1-800-255-3924 CONTRACT MIS3627926

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT				
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
		oily water	LQ	Gal Cons		

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER

CARRIER

PER

DATE 10/17/18

1

Permanent post-office address of shipper.

STRAIGHT BILL OF LADING
ORIGINAL — NOT NEGOTIABLE

Shipper No. 07708

Carrier No. 100

MARINE VACUUM SERVICE INC.
(Name of carrier) (SCAC)

Page 1 of 1

Date 10-18-10

Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO:
Consignee MARINE VACUUM SERVICE INC.
Street 1516 SOUTH GRAHAM STREET
City SEATTLE State WA Zip Code 98108

FROM:
Shipper Myser Construction
Street 4500 W Marginal Way SW
City Seattle State WA Zip Code

24 hr. Emergency Contact Tel. No. CHEMTEL 1-800-255-3924 CONTRACT MIS3627926

Route

Vehicle Number 100

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT	200	Gallons		
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
		Sludge	5	Gallons		

PLACARDS TENDERED: YES ☐ NO ☑

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ______ per ______."
2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

______ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked — Check box if charges are to be collect ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER
PER [signature] 9:51

CARRIER
PER [signature]
DATE 10-18-10

1

Permanent post-office address of shipper.

STYLE F375-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

SOUND TESTING, INC.
P.O. BOX 16204 SEATTLE, WA 98116
(206) 932-0206 FAX (206) 937-3848
WWW.SOUNDTESTINGINC.COM

MARINE CHEMIST CERTIFICATE

SERIAL 47162

WYSER	WYSER	10/17/18
Survey Requested by	Vessel Owner or Agent	Date
UST	UST	4500 W. MARGINAL WAY
Vessel	Type of Vessel	Specific Location of Vessel
(GASOLINE)x3, (DIESEL)x3	VISUAL, O2	0915
Last Three (3) Loadings	Tests Performed	Time Survey Completed

O2

5K gal. UST 4%

20K gal UST 5.8%

SAFE FOR EXCAVATION

SAFE FOR TRANSPORT

INERTED - DRY ICE

(GZ)

In the event of changes adversely affecting conditions in the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

Qualifications: Manipulation of valves or devices tending to alter conditions in pipe lines or tanks noted above, unless specifically approved in this certificate, will require re-inspection and a new Certificate for spaces so affected. All piping, heating coils, pumps and floating roof gaskets attached to or contained within spaces listed above shall be considered "NOT SAFE" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS

(These detail the minimum conditions for Safe Entry and Hot Work.) The Marine Chemist may request additional measures if workplace conditions so dictate.

ATMOSPHERE SAFE FOR WORKERS means that in a space (a) the oxygen content is between 19.5% and 22% by volume, and (b) combustible gas is less than 10% of the Lower Explosive Limit, and (c) airborne toxic materials are within permissible concentrations as listed in OSHA's Subpart Z or in ACGIH's current list of Threshold Limit Values.

SAFE FOR HOT WORK means that (a) oxygen within the space is less than 22% by volume; and (b) the combustible gas is less than 10% of the Lower Explosive Limit; and (c) cargo residues within the space will not combust during hot work; and (d) pipes that can deliver hazardous materials to the workspace have been separated, blanked, or locked out, and nearby hazardous spaces have been evaluated and noted on the certificate.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

"The undersigned acknowledges receipt of this Certificate and understands conditions and limitations under which it was issued."

Signed _____ WYSER 10/17/18
Name Company Date

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ #725
Marine Chemist Certificate No.

POSTING

SOUND TESTING, INC.
P.O. BOX 16204 SEATTLE, WA 98116
(206) 932-0206 FAX (206) 937-3848
WWW.SOUNDTESTINGINC.COM

MARINE CHEMIST CERTIFICATE

***SERIAL* No. 47163**

WYSER	WYSER	10/17/18
Survey Requested by	Vessel Owner or Agent	Date
UST & AGST	UST & AGST	4900 W. MARGINAL WAY
Vessel	Type of Vessel	Specific Location of Vessel
(ANTIFREEZE) X3, (SUMP-40) X3, (SAE-40) X3	VISUAL O_2	0900 HRS
Last Three (3) Loadings	Tests Performed	Time Survey Completed

(ATF) X3, (USED OIL) X3, (GASOLINE) X3

900 gal	AGST No 1	INERTED - WITH CO_2
900 gal	AGST No 2	(O_2 < 5%)
900 gal	AGST No 3	
900 gal	AGST No 4	SAFE TO CUT ACCESS HOLE
3000 gal	AGST No 5	
5000 gal	UST	

REQUIREMENTS: (1) MM CUT ACCESS HOLE WITH CHOPSAW
(2) MARINE CHEMIST MUST BE ON SITE TO MONITOR THE HOT WORK. COMPLETED 6N 10/17/18 AT 1400.

In the event of changes adversely affecting conditions in the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

Qualifications: Manipulation of valves or devices tending to alter conditions in pipe lines or tanks noted above, unless specifically approved in this certificate, will require re-inspection and a new Certificate for spaces so affected. All piping, heating coils, pumps and floating roof gaskets attached to or contained within spaces listed above shall be considered "NOT SAFE" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS

(These detail the minimum conditions for Safe Entry and Hot Work.) The Marine Chemist may request additional measures if workplace conditions so dictate.

ATMOSPHERE SAFE FOR WORKERS means that in a space (a) the oxygen content is between 19.5% and 22% by volume, and (b) combustible gas is less than 10% of the Lower Explosive Limit, and (c) airborne toxic materials are within permissible concentrations as listed in OSHA's Subpart Z or in ACGIH's current list of Threshold Limit Values.

SAFE FOR HOT WORK means that (a) oxygen within the space is less than 22% by volume; and (b) the combustible gas is less than 10% of the Lower Explosive Limit; and (c) cargo residues within the space will not combust during hot work; and (d) pipes that can deliver hazardous materials to the workspace have been separated, blanked, or locked out, and nearby hazardous spaces have been evaluated and noted on the certificate.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

"The undersigned acknowledges receipt of this Certificate and understands conditions and limitations under which it was issued."

Signed _____ WYSER 10/17/18
Name Company Date

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ #725
Marine Chemist Certificate No.

POSTING

SOUND TESTING, INC.
P.O. BOX 16204 SEATTLE, WA 98116
(206) 932-0206 FAX (206) 937-3848
WWW.SOUNDTESTINGINC.COM

MARINE CHEMIST CERTIFICATE

***SERIAL* N° 47164**

DYSER	WYSER	10/17/18
Survey Requested by	Vessel Owner or Agent	Date
AGST	AGST	4500 W. MARGINAL WAY
Vessel	Type of Vessel	Specific Location of Vessel
(ANTIFREEZE) X3, (SW 10-90) X3, (SAE-40) X3, (ATF) X3, (USED OIL) X3	VISUAL, O_2, LEL	1410 HRS
Last Three (3) Loadings	Tests Performed	Time Survey Completed

900 gal AGST N° 1
900 gal AGST N° 2
900 gal AGST N° 3
900 gal AGST N° 4
3000 gal AGST N° 5

SAFE FOR TRANSPORT

ALL SPACES:
O_2 = 20.9%, LEL = 0%

In the event of changes adversely affecting conditions in the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

Qualifications: Manipulation of valves or devices tending to alter conditions in pipe lines or tanks noted above, unless specifically approved in this certificate, will require re-inspection and a new Certificate for spaces so affected. All piping, heating coils, pumps and floating roof gaskets attached to or contained within spaces listed above shall be considered "NOT SAFE" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS

(These detail the minimum conditions for Safe Entry and Hot Work.) The Marine Chemist may request additional measures if workplace conditions so dictate.

ATMOSPHERE SAFE FOR WORKERS means that in a space (a) the oxygen content is between 19.5% and 22% by volume, and (b) combustible gas is less than 10% of the Lower Explosive Limit, and (c) airborne toxic materials are within permissible concentrations as listed in OSHA's Subpart Z or in ACGIH's current list of Threshold Limit Values.

SAFE FOR HOT WORK means that (a) oxygen within the space is less than 22% by volume; and (b) the combustible gas is less than 10% of the Lower Explosive Limit; and (c) cargo residues within the space will not combust during hot work; and (d) pipes that can deliver hazardous materials to the workspace have been separated, blanked, or locked out, and nearby hazardous spaces have been evaluated and noted on the certificate.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

"The undersigned acknowledges receipt of this Certificate and understands conditions and limitations under which it was issued."

Signed _____ Name _____ Company 10/17/18 Date

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ Marine Chemist * 725 Certificate No.

WYSER INC CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 15, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Marine Vacuum	16950	Tank	600 Gallons	Marine Vacuum	10/15/2018	Oily Waste Water	600 gal
2	Marine Vacuum	16950	Tank	3 Gallons	Marine Vacuum	10/15/2018	Mud/Muck	3 gal
3							(non-regulated)	
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20					Oily Waste	Water	Total Gallons	600 gal
21					Mud	Muck	Total Gallons	3 gal
22								
23								

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. 10990

Carrier No. _____

Page _____ of _____

MARINE VACUUM SERVICE INC.

(Name of carrier) (SCAC)

Date 10 15 18

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee MARINE VACUUM SERVICE INC.
Street 1516 SOUTH GRAHAM STREET
City SEATTLE State WA Zip Code 98108

FROM:
Shipper WYSER CONST
Street 4500 W MARGINAL WAY S.
City Seattle, State WA Zip Code
CHEMTEL 1-800-255-3924
24 hr. Emergency Contact Tel. No. CONTRACT MIS3627926

Route

Vehicle Number 074

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT	600	Galls		
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
1TT		MUD/ MUCK NON REG BY DOT	3	Gals		

PLACARDS TENDERED: YES ☐ NO ☒

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER _____

PER _____

10 15 18

CARRIER MAR. VAC

PER _____

DATE 10 15 18

1

Permanent post-office address of shipper.

WYSER INC CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 17, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS	
1	Wyser Construction	3594/271599	10:00 AM	17.87 ton	Rabanco	10/17/2018	Class 3 Soil	17.87	
2	Wyser Construction	3594/271600	10:30 AM	17.65 ton	Rabanco	10/17/2018	Class 3 Soil	17.65	
3	Wyser Construction	3594/271554	10:45 AM	17.70 ton	Rabanco	10/17/2018	Class 3 Soil	17.70	
4	Wyser Construction	3594/271555	11:17 AM	17.90 ton	Rabanco	10/17/2018	Class 3 Soil	17.90	
5	Wyser Construction	3594/271556	11:45 AM	18.55 ton	Rabanco	10/17/2018	Class 3 Soil	18.55	
6	Wyser Construction	3594/271557	12:00 PM	17.09 ton	Rabanco	10/17/2018	Class 3 Soil	17.09	
7	Wyser Construction	3594/271558	12:26 PM	19.83 ton	Rabanco	10/17/2018	Class 3 Soil	19.83	*126.59*
8									
9	Marine Vacuum	7707	Tank	400 Gallons	Marine Vacuum	10/17/2018	Oily Water	400 gal	
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21					Class	3 Soil	Total Tons	126.59	
22					Oily	Water	Total Gallons	400 gal	
23									

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W-10 271539

DISPOSAL RECEIPT

35340	GROSS
17800	TARE
	NET
35,740	

ACCT # LW-5175 JOB # _____

CONT # W. SEA

CITY _____

DATE: 11-12 20 12

TIME OUT _____

DATE: _____

TIME IN 1130

17.87 ton

CUSTOMER # _____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W-10 271521

DISPOSAL RECEIPT

63100	GROSS
27800	TARE
	NET
35,300	

ACCT # LW-5175 JOB # _____

CONT # W. SEA

CITY _____

DATE: 11-12 20 12

TIME OUT _____

DATE: _____

TIME IN 1030

17.65 ton

CUSTOMER # _____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W-40 271354

DISPOSAL RECEIPT

53200	GROSS
27800	TARE
	NET
35,400	

ACCT # LW-18273 JOB #

CONT # WTS03

CITY

DATE: 10-17 2018

TIME OUT

DATE:

TIME IN 10 45

17.70 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W40 271556

DISPOSAL RECEIPT

63600	GROSS
27800	TARE
	NET
35,800	

ACCT # LW-18273 JOB #

CONT # WTS03

CITY

DATE: 10-17 2018

TIME OUT

DATE:

TIME IN 11-17

17.90 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W-70 27756

DISPOSAL RECEIPT

54900	GROSS
17800	TARE
	NET
37,100	

ACCT # LW-18173 JOB #

CONT # WISER

CITY

DATE: 10-7 2015

TIME OUT

DATE:

TIME IN 1175

18.55 ton

CUSTOMER #

James

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W-70 271557

DISPOSAL RECEIPT

61980	GROSS
27800	TARE
	NET
34,180	

ACCT # LW-18173 JOB #

CONT # WISER

CITY

DATE: 10-7 2015

TIME OUT 1210

DATE:

TIME IN

17.09 ton

CUSTOMER #

James

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # W40 271336

DISPOSAL RECEIPT

67460	GROSS
27800	TARE
	NET
39,660	

ACCT # 441073 JOB # ____

CONT # WTS ____

CITY ____

DATE: 0 1 7 20 18

TIME OUT ____

DATE: ____

TIME IN 6-26

19.83 ton

CUSTOMER # ____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. 01101

Carrier No. 100

Page 1 of 1

MARINE VACUUM SERVICE INC.

(Name of carrier) (SCAC)

Date 10-17-18

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee MARINE VACUUM SERVICE INC.
Street 1516 SOUTH GRAHAM STREET
City SEATTLE State WA Zip Code 98108

FROM:
Shipper NYSer Construction
Street 4500 W Marginal Way SW
City Seattle State WA Zip Code

24 hr. Emergency Contact Tel. No. CHEMTEL 1-800-255-3924 CONTRACT MIS3627926

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT				
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
		oily water	4 w	Gal Bbls		

PLACARDS TENDERED: YES ☐ NO ☒

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(c) of Item 360, Bills of Lading. Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER [signature]

CARRIER

PER [signature]

DATE 10/17/18

1

Permanent post-office address of shipper.

WYSER INC
CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 18, 2018**

Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3596/271601	9:45 AM	31.61 ton	Rabanco	10/18/2018	Class 3 Soil	31.61
2	Wyser Construction	3596/271559	10:30 AM	29.67 ton	Rabanco	10/18/2018	Class 3 Soil	29.67
3	Wyser Construction	3596/271560	11:30 AM	34.77 ton	Rabanco	10/18/2018	Class 3 Soil	34.77
4	Wyser Construction	3596/271561	12:00 PM	31.41 ton	Rabanco	10/18/2018	Class 3 Soil	31.41
5	Wyser Construction	3596/271562	12:30 PM	36.14 ton	Rabanco	10/18/2018	Class 3 Soil	36.14
6	Wyser Construction	3596/271602	1:00 PM	32.65 ton	Rabanco	10/18/2018	Class 3 Soil	32.65
7	Wyser Construction	3596/271563	1:30 PM	35.36 ton	Rabanco	10/18/2018	Class 3 Soil	35.36
8	Wyser Construction	3596/271564	2:00 PM	5.57 ton	Rabanco	10/18/2018	Class 3 Soil	5.57
9								
10	Marine Vacuum	7708	Tanks	200 Gallons	Marine Vacuum	10/18/2018	Oily Waste Water	200 gal
11	Marine Vacuum	7708	Tanks	5 Gallons	Marine Vacuum	10/18/2018	Sludge	5 gal
12								
13								
14								
15								
16								
17								
18								
19					Class	3 Soil	Total Tons	237.18
20					Oily Waste	Water	Total Gallons	200 gal
21						Sludge	Total Gallons	5 gal
22								
23								

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 271891

DISPOSAL RECEIPT

GROSS	
TARE	
NET	

ACCT # JOB #

CONT #

CITY

DATE: 20

TIME OUT

DATE:

TIME IN

63,220

31.61 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 271559

DISPOSAL RECEIPT

GROSS	
TARE	
NET	
59,340	

ACCT # JOB #

CONT #

CITY

DATE: 20

TIME OUT

DATE:

TIME IN

29.67 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #

GROSS	
TARE	
NET	
69,540	

ACCT # JOB #

CONT #

CITY

DATE: 20

TIME OUT

DATE:

TIME IN

34.77 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #

GROSS	
TARE	
NET	
62,820	

ACCT # JOB #

CONT #

CITY

DATE: 20

TIME OUT

DATE:

TIME IN

31.41 ton

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #_____

DISPOSAL RECEIPT

GROSS	
TARE	
NET	
72,280	

ACCT #_____ JOB #_____

CONT #_____

CITY_____

DATE:_____ 20__

TIME OUT_____

DATE:_____

TIME IN_____

36.14 ton

CUSTOMER #_____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #_____

DISPOSAL RECEIPT

GROSS	
TARE	
NET	
65,300	

ACCT #_____ JOB #_____

CONT #_____

CITY_____

DATE:_____ 20__

TIME OUT_____

DATE:_____

TIME IN_____

32.65 ton

CUSTOMER #_____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # _____

DISPOSAL RECEIPT

	GROSS
	TARE
	NET
70,720	

ACCT # _____ JOB # _____

CONT # _____

CITY _____

DATE: _____ 20__

TIME OUT _____

DATE: _____

TIME IN _____

35.36 ton

CUSTOMER # _____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # _____

DISPOSAL RECEIPT

	GROSS
	TARE
	NET 11,140

ACCT # _____ JOB # _____

CONT # _____

CITY _____

DATE: _____ 20__

TIME OUT _____

DATE: _____

TIME IN _____

5.57 ton

CUSTOMER # _____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. 07708

Carrier No. 100

Page 1 of 1

MARINE VACUUM SERVICE INC.

(Name of carrier) (SCAC)

Date 10-18-10

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:

Consignee MARINE VACUUM SERVICE INC.

Street 1516 SOUTH GRAHAM STREET

City SEATTLE State WA Zip Code 98108

FROM:

Shipper Wyser Construction

Street 420 W Harrison St SW

City Seattle State WA Zip Code

24 hr. Emergency Contact Tel. No. CHEMTEL 1-800-255-3924 CONTRACT MIS3627926

Route

Vehicle Number 180

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT	X	(DOT SPEC TANK REQUIRED) UN1863 FUEL, AVIATION, TURBIN ENGINE, CLASS 3, PG I				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, MIXTURE CLASS 3, PG II				
1 TT	X	(DOT SPEC TANK REQUIRED) UN1203 GASOLINE, CLASS 3, PG II				
1 TT	X	NA1993 DIESEL MIXTURE, CLASS 3, PG III				
1 TT	X	NA1993 DIESEL, CLASS 3, PG III				
1 TT	X	NA1270 PETROLEUM OIL, CLASS 3, PG I				
1 TT	X	NA1270 PETROLEUM OIL, MIXTURE, CLASS 3, PG I				
1 TT		OILY WASTE WATER NON REG BY DOT	200	Gallons		
1 TT		WASTE WATER NON REG BY DOT				
1 TT		MARINE VESSEL SEWAGE NON REG BY DOT				
1 TT		STREET WASTE STORM PIPE CLEANING NON REG BY DOT				
		Sludge	5	Gallons		

PLACARDS TENDERED: YES ☐ NO ☑

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(c) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES — FREIGHT PREPAID (Check box if charges are to be collect when box at right is checked) ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER 9:51

CARRIER

PER

DATE 10-18-10

1

Permanent post-office address of shipper.

WYSER CONSTRUCTION INC

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 19, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3597/10724	8:32 AM	20.0 CY	Renton Recyclers	10/19/2018	Concrete	20.0 cy
2	Wyser Construction	3597/10724	10:18 AM	20.0 CY	Renton Recyclers	10/19/2018	Concrete	20.0 cy
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21						Concrete	Total Yards	40.0 cy
22								
23								

RENTON CONCRETE RECYCLERS

22121 17th Ave S.E. Suite #117 Bothell, WA 98021
Pit Site: 500 Monster Road S.W. Renton, WA
Business Office: 425-481-9101
Scale House: 206-772-2278

Date: 10-19-19 **Ticket # 10724**

Customer: Wyser

Project Name/P.O. Number: SPU 1801552 / West Marg. Way

Project Location (Street/City): Sea Hip

Trucking Company: Same **Scaleperson:** JMW

☐ Cash ☐ Credit Card - Last 4# _____ ☒ Account

Truck#	Time	Material	Gross Weight	Tare Weight	Net Weight / Material Size	Net Tons/Yd³	Price
40	8:32	Conc			3 SM	3cy	
"	10:18	Conc			3 SM	3cy	

TERMS: NET 30 DAYS FROM END OF MONTH. A Finance Charge will be assessed on all past due accounts at a rate of 1 1/2% per month. Annual finance charge of 18%

NOTICE: It is specifically agreed that this company shall not be in anyway responsible for damage to customers property resulting from deliveries beyond the curb line.

Total Material	
5% Environmental Fee	
Sales Tax	
CC Processing Fee	
Total	

DRIVER SIGNATURE/PRINTED NAME: Curtis

WYSER CONSTRUCTION

IMPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 22, 2018**

Seattle Public Utilities Tank Removal ***SPU-18-1552***

LOAD NO.	TRUCKING COMPANY	MANIFEST #	LOAD TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3600/1970274	11:18 AM	31.19 ton	Calportland	10/22/2018	Gravel Borrow	31.19
2	Wyser Construction	3600/1970320	11:41 AM	31.81 ton	Calportland	10/22/2018	Gravel Borrow	31.81
3	Wyser Construction	3600/1970366	12:10 PM	30.99 ton	Calportland	10/22/2018	Gravel Borrow	30.99
4	Wyser Construction	3600/1970423	12:36 PM	30.07 ton	Calportland	10/22/2018	Gravel Borrow	30.07
5	Wyser Construction	3600/1970472	1:00 PM	31.12 ton	Calportland	10/22/2018	Gravel Borrow	31.12
6	Wyser Construction	3600/1970510	1:18 PM	31.14 ton	Calportland	10/22/2018	Gravel Borrow	31.14
7	Wyser Construction	3600/1970535	1:33 PM	32.03 ton	Calportland	10/22/2018	Gravel Borrow	32.03
8	Wyser Construction	3600/1970567	1:52 PM	31.53 ton	Calportland	10/22/2018	Gravel Borrow	31.53
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21					Gravel	Borrow	Total Tons	249.88
22								

ATTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1970366

Copy

12 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
3-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	3	122
QTY	93.99	2,800.47

Weighmaster: WEBB, JUDY

NAL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 12:09:57 P	Seattle Agg	104,320	52.16	47.32	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		61,980	30.99	28.11	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/22/2018 11:18:48 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970274

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW
Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	120
QTY	31.19	2,737.67

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 11:18:45 A	Seattle Agg	104,720	52.36	47.50	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		62,380	31.19	28.30	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

ATTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1970423

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	4	123
QTY	124.06	2,830.54

Weighmaster: WEBB, JUDY

AL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 12:36:29 P	Seattle Agg	102,480	51.24	46.48	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		60,140	30.07	27.28	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
T WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/22/2018 11:41:56 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970320

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW
Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	121
QTY	63.00	2,769.48

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 11:41:53 A	Seattle Agg	105,960	52.98	48.06	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		63,620	31.81	28.86	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1970535

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	7	126
QTY	218.35	2,924.83

Weighmaster: WEBB, JUDY

AL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 1:33:18 P	Man WT	106,400	53.20	48.26	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		64,060	32.03	29.06	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/22/2018 1:00:48 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970472

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	5	124
QTY	155.18	2,861.66

Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 1:00:46 P	Seattle Agg	104,580	52.29	47.44	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		62,240	31.12	28.23	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1970567

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	8	127
QTY	249.88	2,956.36

Weighmaster: WEBB, JUDY

AL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 1:52:28 P	Seattle Agg	105,400	52.70	47.81	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		63,060	31.53	28.60	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
IT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/22/2018 1:18:51 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970510

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	6	125
QTY	186.32	2,892.80

Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/22/2018 1:18:49 P	Seattle Agg	104,620	52.31	47.45	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		62,280	31.14	28.25	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

WYSER INC CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 22, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3600/454351	3:22 PM	16.66 ton	United Recycling	10/22/2018	Asphalt	16.66
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21						Asphalt	Total Tons	16.66
22								
23								

United Recycling & Container
18827 Yew Way * Snohomish, WA 98296
OFFICE: 360-668-4300 FAX:

SCALE TICKET

I / WE, THE UNDERSIGNED, CERTIFY THAT THE PRODUCT DELIVERED FOR DISPOSAL IS NON-HAZARDOUS RECYCLABLE MATERIAL

DATE: 10/22/2018

TIME IN: 3:22 pm
TIME OUT: 3:32 pm

TICKET #: 454351

ACCT #: 1503000 WYSER CONSTRUCTION INC
WO #:

TRUCK #: WYSER40
EQUIP #:
PO# / JOB #: SPU-18-1552
SCALE LOCATION:
3 BALES:
SEAL #:
NOTES:

Gross	77,740	lb
Tare	44,420	lb
Adjustments	0	lb
Net	33,320	lb
Tons	16.660	

PRODUCT	QTY/WEIGHT	TONS
CLEAN ASPHALT	**33,320.00**	**16.66**

Cash Amt $0.00

Check Amt $0.00 Check #:

WYSER INC CONSTRUCTION

IMPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 23, 2018**

Seattle Public Utilities Tank Removal ***SPU-18-1552***

LOAD NO.	TRUCKING COMPANY	MANIFEST #	LOAD TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3602/1970903	8:07 AM	32.03 ton	Calportland	10/23/2018	Gravel Borrow	32.03
2	Wyser Construction	3602/1970941	8:25 AM	30.01 ton	Calportland	10/23/2018	Gravel Borrow	30.01
3	Wyser Construction	3602/1970965	8:42 AM	31.78 ton	Calportland	10/23/2018	Gravel Borrow	31.78
4	Wyser Construction	3602/1971019	9:07 AM	30.29 ton	Calportland	10/23/2018	Gravel Borrow	30.29
5	Wyser Construction	3602/1971092	9:36 AM	30.53 ton	Calportland	10/23/2018	Gravel Borrow	30.53
6	Wyser Construction	3602/1971125	9:50 AM	30.40 ton	Calportland	10/23/2018	Gravel Borrow	30.40
7	Wyser Construction	3602/1971172	10:22 AM	31.41 ton	Calportland	10/23/2018	Gravel Borrow	31.41
8	Wyser Construction	3602/1971239	10:59 AM	30.19 ton	Calportland	10/23/2018	Gravel Borrow	30.19
9	Wyser Construction	3602/1971287	11:26 AM	31.00 ton	Calportland	10/23/2018	Gravel Borrow	31.00
10	Wyser Construction	3602/1971333	11:51 AM	31.01 ton	Calportland	10/23/2018	Gravel Borrow	31.01
11	Wyser Construction	3602/1971366	12:05 PM	31.64 ton	Calportland	10/23/2018	Gravel Borrow	31.64
12	Wyser Construction	3602/1971394	12:21 PM	29.47 ton	Calportland	10/23/2018	Gravel Borrow	29.47
13	Wyser Construction	3602/1971454	12:49 PM	30.26 ton	Calportland	10/23/2018	Gravel Borrow	30.26
14	Wyser Construction	3602/1971522	1:29 PM	30.12 ton	Calportland	10/23/2018	Gravel Borrow	30.12
15								
16								
17								
18								
19								
20								
21					Gravel	Borrow	Total Tons	430.14
22								

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1970965

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	3	130
QTY	93.82	3,050.18

IAL WAY SW

WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 8:42:29 A	Man WT	105,900	52.95	48.04	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		63,560	31.78	28.83	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP

TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 8:07:40 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970903

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	128
QTY	32.03	2,988.39

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 8:07:38 A	Man WT	106,400	53.20	48.26	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		64,060	32.03	29.06	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971019

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	4	131
QTY	124.11	3,080.47

AL WAY SW

WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 9:07:51 A	Seattle Agg	102,920	51.46	46.68	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		60,580	30.29	27.48	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP

IT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 8:25:46 SEATTLE, WA 981061208

CALPORTLAND

NO: 1970941

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	129
QTY	62.04	3,018.40

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 8:25:44 A	Seattle Agg	102,360	51.18	46.43	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		60,020	30.01	27.22	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971125

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	6	133
QTY	185.04	3,141.40

IAL WAY SW
WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 9:50:30 A	Seattle Agg	103,140	51.57	46.78	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		60,800	30.40	27.58	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 9:36:32 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971092

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW
Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

DELIVERY TOTALS	TODAY	PROJECT
LOAD	5	132
QTY	154.64	3,111.00

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 9:36:30 A	Seattle Agg	103,400	51.70	46.90	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		61,060	30.53	27.70	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

ITTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971239

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	8	135
QTY	246.64	3,203.00

IAL WAY SW
WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 10:59:55 A	Seattle Agg	102,720	51.36	46.59	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		60,380	30.19	27.39	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
IT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 10:22:20 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971172

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW
Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

DELIVERY TOTALS	TODAY	PROJECT
LOAD	7	134
QTY	216.45	3,172.81

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 10:22:18 A	Seattle Agg	105,160	52.58	47.70	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		62,820	31.41	28.49	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

,TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971333

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	10	137
QTY	308.65	3,265.01

Weighmaster: WEBB, JUDY

JAL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 11:51:57 A	Seattle Agg	104,360	52.18	47.34	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		62,020	31.01	28.13	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 11:26:50 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971287

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	9	136
QTY	277.64	3,234.00

Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 11:26:47 A	Seattle Agg	104,340	52.17	47.33	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		62,000	31.00	28.12	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

,TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971394

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
3-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	12	139
QTY	369.76	3,326.12

Weighmaster: WEBB, JUDY

NAL WAY SW
WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 12:21:01 P	Seattle Agg	101,280	50.64	45.94	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		58,940	29.47	26.73	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP
0TT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 12:05:53 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971366

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	11	138
QTY	340.29	3,296.65

Delv To:
4002 WEST MARGINAL WAY SW
SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 12:05:51 P	Seattle Agg	105,620	52.81	47.91	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		63,280	31.64	28.70	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971522

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING

-1552 Job Number: SPU-18-1552

GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	14	141
QTY	430.14	3,386.50

IAL WAY SW

WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 1:29:01 P	Seattle Agg	102,580	51.29	46.53	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		60,240	30.12	27.32	Net

FOB PICKUP

TT WYSER

DATE

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/23/2018 12:49:50 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971454

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	13	140
QTY	400.02	3,356.38

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/23/2018 12:49:47 P	Seattle Agg	102,860	51.43	46.66	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		60,520	30.26	27.45	Net

Hauler: 999 FOB PICKUP

Truck: WYS40TT WYSER

REC'D BY DATE

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

WYSER INC CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 23, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3602/454653	3:04 PM	18.49 ton	United Recycling	10/23/2018	Concrete	18.49
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21						Concrete	Total Tons	18.49
22								
23								

United Recycling & Container
18827 Yew Way * Snohomish, WA 98296
OFFICE: 360-668-4300 FAX:

SCALE TICKET

I / WE, THE UNDERSIGNED, CERTIFY THAT THE PRODUCT DELIVERED FOR DISPOSAL IS NON-HAZARDOUS RECYCLABLE MATERIAL

DATE: 10/23/2018

TIME IN: 3:04 pm
TIME OUT: 3:15 pm

TICKET #: 454653

ACCT #: 1503000 WYSER CONSTRUCTION INC
WO #:

TRUCK #: WYSER40
EQUIP #:
PO# / JOB #: SPU-18-1552
SCALE LOCATION:
3 BALES:
SEAL #:
NOTES:

Gross	79,920	lb
Tare	42,940	lb
Adjustments	0	lb
Net	36,980	lb
Tons	18.490	

PRODUCT	QTY/WEIGHT	TONS
CLEAN CONCRETE UNDER 2FT - N	36,980.00	18.49

Cash Amt $0.00
Check Amt $0.00 Check #:
CC Amt $0.00

Pymt Rcd $0.00

AUTHORIZED SIGNATURE

WYSER INC
CONSTRUCTION

IMPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 24, 2018**
Seattle Public Utilities Tank Removal ***SPU-18-1552***

LOAD NO.	TRUCKING COMPANY	MANIFEST #	LOAD TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS	
1	Wyser Construction	3603/1971888	7:51 AM	30.65 ton	Calportland	10/24/2018	Gravel Borrow	30.65	
2	Wyser Construction	3603/1971987	8:48 AM	15.37 ton	Calportland	10/24/2018	Gravel Borrow	15.37	*46.02*
3	Wyser Construction	3603/1971927	8:15 AM	31.78 ton	Calportland	10/24/2018	1/4" Minus Quarry	31.78	
4	Wyser Construction	3603/1971983	8:45 AM	16.79 ton	Calportland	10/24/2018	1/4" Minus Quarry	16.79	
5	Wyser Construction	3603/1972229	10:41 AM	28.99 ton	Calportland	10/24/2018	1/4" Minus Quarry	28.99	
6	Wyser Construction	3603/1972320	11:21 AM	27.60 ton	Calportland	10/24/2018	1/4" Minus Quarry	27.60	
7	Wyser Construction	3603/1972402	11:58 AM	15.36 ton	Calportland	10/24/2018	1/4" Minus Quarry	15.36	*120.52*
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19					Gravel	Borrow	Total Tons	46.02	
20					1 1/4" Minus	Quarry	Total Tons	120.52	
21									
22									

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971983

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
1 1/4" MINUS QUARRY ROCK CSB

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	2
QTY	48.57	48.57

Weighmaster: WEBB, JUDY

AL WAY SW

WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 8:45:50 A	Seattle Agg	61,340	30.67	27.82	Gross
10/22/2018 9:33:28 A	Seattle Agg	27,760	13.88	12.59	Tare
		33,580	16.79	15.23	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP

S WYSER TRK 40 SOLO

Split load

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/24/2018 7:51:17 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971888

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8128 GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	142
QTY	30.65	3,417.15

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 7:51:14 A	Seattle Agg	103,640	51.82	47.01	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		61,300	30.65	27.81	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

TTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1971987

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
-1552 Job Number: SPU-18-1552
GRAVEL BORROW

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	143
QTY	46.02	3,432.52

Weighmaster: WEBB, JUDY

AL WAY SW

WA 98106

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 8:48:22 A	Man WT	44,340	22.17	20.11	Gross
10/24/2018 8:47:10 A	Man WT	13,600	6.80	6.17	Tare
		30,740	15.37	13.94	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

FOB PICKUP

OTL WYSER

Split load

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/24/2018 8:15:06 SEATTLE, WA 981061208

CALPORTLAND

NO: 1971927

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8545 1 1/4" MINUS QUARRY ROCK CSB

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	1
QTY	31.78	31.78

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 8:15:03 A	Seattle Agg	105,900	52.95	48.04	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
		63,560	31.78	28.83	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

ITTLE 4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 1972320

Copy

2 WYSER CONSTRUCTION INC
AGG 2018 MASTER BID PRICING
I-1552 Job Number: SPU-18-1552
1 1/4" MINUS QUARRY ROCK CSB

DELIVERY TOTALS	TODAY	PROJECT
LOAD	4	4
QTY	105.16	105.16

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 11:21:19 A	Seattle Agg	97,540	48.77	44.24	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		55,200	27.60	25.04	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

JAL WAY SW
WA 98106

FOB PICKUP
ITT WYSER

DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/24/2018 10:41:27 SEATTLE, WA 981061208

CALPORTLAND

NO: 1972229

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8545 1 1/4" MINUS QUARRY ROCK CSB

DELIVERY TOTALS	TODAY	PROJECT
LOAD	3	3
QTY	77.56	77.56

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 10:41:25 A	Seattle Agg	100,320	50.16	45.50	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		57,980	28.99	26.30	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
10/24/2018 11:58:39 SEATTLE, WA 981061208

CALPORTLAND

NO: 1972402

Copy

Customer: 1008242 WYSER CONSTRUCTION INC
Project: 33283 AGG 2018 MASTER BID PRICING
P.O.: SPU-18-1552 Job Number: SPU-18-1552
Product: 8545 1 1/4" MINUS QUARRY ROCK CSB

DELIVERY TOTALS	TODAY	PROJECT
LOAD	5	5
QTY	120.52	120.52

Delv To:
4002 WEST MARGINAL WAY SW

SEATTLE WA 98106

Weighmaster: WEBB, JUDY

DATE	SOURCE	lbs	Tons	TNE	
10/24/2018 11:58:37 A	Seattle Agg	73,060	36.53	33.14	Gross
10/22/2018 11:08:27 A	Seattle Agg	42,340	21.17	19.21	Tare
☐ Driver Off		30,720	15.36	13.93	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: WYS40TT WYSER

REC'D BY DATE

WYSER INC
CONSTRUCTION

EXPORT MATERIALS LOG

City of Seattle - Dept. of Finance & Admin. Services **DATE: October 24, 2018**
Seattle Public Utilities Tank Removal **SPU-18-1552**

LOAD NO.	TRUCKING COMPANY	MANIFEST #	DUMP TIME	ESTIMATED QUANTITY	LOCATION	DATE	TYPE OF MATERIALS	TONNAGE SLIPS
1	Wyser Construction	3603/10957	10:00 AM	20.0 CY	Renton Recyclers	10/24/2018	Concrete	20.0 cy
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21						Concrete	Total Yards	20.0 cy
22								
23								