



3540 SE 28th Avenue . Portland, Oregon 97202

Office 503.234.2118
Toll Free 877.234.2118
Fax 503.331.7133

www.soilsolutionsenvironmental.com

Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

Prepared for:

Kirk Loders
19251 SE Wooded Hills Drive
Damascus, Oregon 97089

June 1, 2023

Prepared by:

Soil Solutions Environmental Services, Inc.
3540 SE 28th Avenue
Portland, Oregon 97202

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1.0 INTRODUCTION

This report summarizes the activities conducted by Soil Solutions Environmental Services, Inc. (SSES) at 19251 SE Wooded Hills Drive in Damascus, Oregon.

Site activities included the decommissioning by removal of a 275-gallon aboveground heating oil storage tank (AST), removal of contaminated soil, soil sampling and analysis. This report describes our activities and summarizes the results of the work.

2.0 SITE DESCRIPTION

As shown on the Vicinity Map, Figure 1, the site is located in a rural residential farm/forest area of Damascus, Oregon in Clackamas County. The residence is located northeast of the intersection of SE 190th Drive and SE Wooded Hills Drive. The residence was constructed in approximately 1965 and drinking water is supplied by an active well on site located approximately 150-feet south of the residence. The AST was located approximately 8-feet east of the residence on a concrete pad. An associated well log was not found.

According to the United States Geological Survey Topographic 7.5-minute map for the Damascus, Oregon Quadrangle the site lies at an elevation of approximately 660-feet above mean sea level. The site is located in township 1S range 3E section 29 of the Willamette Meridian.

Ma et al (2012) maps the surface geology of the site as Pliocene age small basalt and basaltic andesite flows of the Boring Volcanic Field. Snyder (2008) indicates groundwater in the vicinity is typically 140-feet below ground surface (bgs) and generally flows to the west or southwest, towards the Clackamas River.

3.0 FIELD ACTIVITIES

Prior to SSES arrival on site, indications of a release from the AST were discovered by the homeowner. Field activities were completed between January 13, 2023, and May 31, 2023. Photographs of field activities are included in Appendix A. Soil sample locations are shown on Figure 2. Depths are measured from ground surface at the tank. All equipment was decontaminated between boring locations. Soil samples collected during field activities were placed in laboratory-supplied clean glass jars or bottles, labeled, and placed in a cooler with ice.

3.1 Tank Decommissioning

On January 13, 2023, holes were observed on the tank bottom and concrete pad below showed visual and olfactory indications of petroleum contamination. Traces of product and approximately 3 gallons of sludge were removed from the tank and the interior was thoroughly pressure-washed. The oily rinse water was transported to SSES equipment yard for temporary storage and later transported, in bulk, by Oil Re-Refining Company (ORRCO) for proper disposal. The tank was removed from concrete pad and transported to SSES equipment yard for temporary storage. The

tank was later recycled, in bulk, by Metro Metals Northwest, Inc. Disposal receipts are included in Appendix C.

The concrete pad was cut and removed from the former AST area and placed into a dropbox on site. Approximately 4 tons of contaminated soil were removed from below the former AST area and placed into a dropbox on site.

On January 16, 2023, an additional approximately 8-tons of petroleum-contaminated soil (PCS) was placed into a dropbox on site. The PCS was transported to Waste Management Hillsboro Landfill for Department of Environmental Quality (DEQ) approved disposal.

SSES collected nine soil samples, designated 1 through 9 from around the former tank area. Sample 1 was collected southwest of the AST area at a depth of 3-feet bgs. Samples 2, 3, 4, 5, and 9 were collected southwest, west, northwest, northeast, and east of the excavation at depths of 3-feet bgs. Sample 6 was collected at the southwest excavation bottom at 2-feet bgs, sample 7 was collected at the northwest excavation bottom at a depth of 2.8-feet bgs and sample 8 was collected at the northeast excavation bottom at a depth of 1-foot bgs.

Indications of an oil sheen were observed on puddled water adjacent to the west side of the residence near the garage door. An additional sample, designated 10, was collected adjacent to the west side house at a depth of 0.3-feet bgs. Absorbent booms were placed along the driveway to contain the oily water.

Laboratory analysis revealed a diesel concentration of 1,200 parts per million (ppm) in samples SG2 and SG4. There was 1,100 ppm diesel detected in sample SG3. Diesel and heavy oil were not detected above laboratory reporting limits in soil samples SG1, SG5, SG6, SG7, SG8 and SG9. Laboratory results revealed diesel and heavy oil concentration of 9,780 ppm in sample SG10.

3.2 Site Assessment Activities

On February 21, 2023, SSES removed an additional approximately 4.2-tons of PCS from around the former AST pad location. SSES collected four soil grab samples, designated 11 through 14, from below the former tank location. Samples were located on the south excavation bottom at 3-feet bgs, the east, southeast and southwest excavation bottom, at depths of 1-foot bgs, respectively. Laboratory analysis revealed 110 ppm diesel contamination was detected in sample SG14 on the south excavation bottom. Diesel and heavy oil were not detected above laboratory reporting limits in samples 11 through 13.

On February 22, 2023, the excavation area was backfilled with gravel and compacted, and the surface was later restored to grade with soil.

On April 3, 2023, SSES installed a sub-slab depressurization system to mitigate any potential harmful vapors from entering the residence.

4.0 ANALYTICAL RESULTS

Samples were transported under chain of custody documentation to Friedman & Bruya, Inc. laboratory in Seattle, Washington. Laboratory analysis in soil included diesel and residual range oil by Northwest Total Petroleum Hydrocarbons diesel extended method (NWTPH-Dx).

Following removal of PCS, diesel and heavy oil were detected at a maximum concentration of 9,780 ppm in soil at a depth of 0.3-feet adjacent to the west side of the residence. The magnitude of diesel detected to remain in the former excavation area was 1,200 ppm on both the northwest and southwest excavation bottom at depths of 2 and 3-feet bgs.

5.0 SUMMARY, DISCUSSION, AND CONCLUSIONS

A 275-gallon aboveground heating oil tank was decommissioned by removal at 19251 SE Wooded Hills Drive in Damascus, Oregon. The project site is in a rural residential neighborhood and drinking water is supplied by an active well located approximately 150-feet south of the former AST area. On January 4, 2023, a drinking water sample was collected by the homeowner from the bathroom sink and was submitted to Columbia Laboratories in Portland, Oregon. The water sample was analyzed for NWTPH-Dx by Specialty Analytical in Clackamas, Oregon. Diesel and heavy oil were not detected above laboratory reporting limits. A copy of the laboratory report is included in Appendix B.

The property owner has enrolled the site in DEQ's Voluntary Cleanup Program and cost recovery program. The property was assigned Environmental Cleanup Site Information (ECSI) ID #6564.

Fourteen soil samples were collected and analyzed to investigate the magnitude and extent of contaminated soil by SSES. The borings encountered brown silt loam with silt and clay to the full extent explored. Following excavation of approximately 16.13-tons of PCS, diesel and heavy oil concentrations in soil remained at a maximum concentration of 9,780 ppm. A groundwater assessment was not performed.

6.0 RECOMMENDATION

Additional site investigation is needed to determine the extent of soil contamination and investigate the risk to groundwater, soil vapor gas, and indoor air to and assess whether remaining contamination presents a threat to human health or the environment. Figure 3 shows proposed locations of additional borings for soil and groundwater samples, if groundwater is encountered.

9.0 LIMITATIONS

This report was prepared by Soil Solutions Environmental Services, Inc. (SSES) for Kirk Loders, and summarizes the results of our work at 19251 SE Wooded Hills Drive, Damascus, Oregon. We have performed our services in accordance with our agreement and understanding with the client. The

scope of work was limited to the specific project, location, and activities described herein. The material in it reflects our best judgment in light of the information available at report preparation.

This report may not be used or relied upon by any other party without the written consent of SSES. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. SSES is not responsible for the independent conclusions, opinions or recommendations made by others based on this report and accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

SSES performed this work in accordance with generally accepted professional practices related to the nature of the work accomplished, in the same or similar localities, at the time the services were performed. The conclusions presented in this report are, in part, based upon subsurface sampling performed at selected locations and depths. There may be conditions between sample points or samples that differ significantly from those presented in this report and which cannot be predicted by this study. For these types of evaluations, it is often necessary to use information prepared by others and SSES cannot be responsible for the accuracy of such information. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties.

This report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit and is not intended to satisfy the requirements of any state, federal, or local real estate transfer laws.

10.0 REFERENCES

Lina Ma, Ian P. Madin, Serin Duplantis, and Kendra J. Williams, 2012, Lidar-Based Surficial Geologic Map and Database of the Greater Portland Area, Clackamas, Columbia, Marion, Multnomah, Washington, and Yamhill Counties, Oregon, and Clark County, Washington, Oregon Department of Geology and Mineral Industries, Open File Report O-12-02.

Daniel T. Snyder, 2008, Estimated Depth to Ground Water and Configuration of the Water Table in the Portland, Oregon Area, U.S. Geological Survey, Scientific Investigations Report 2008-5059.

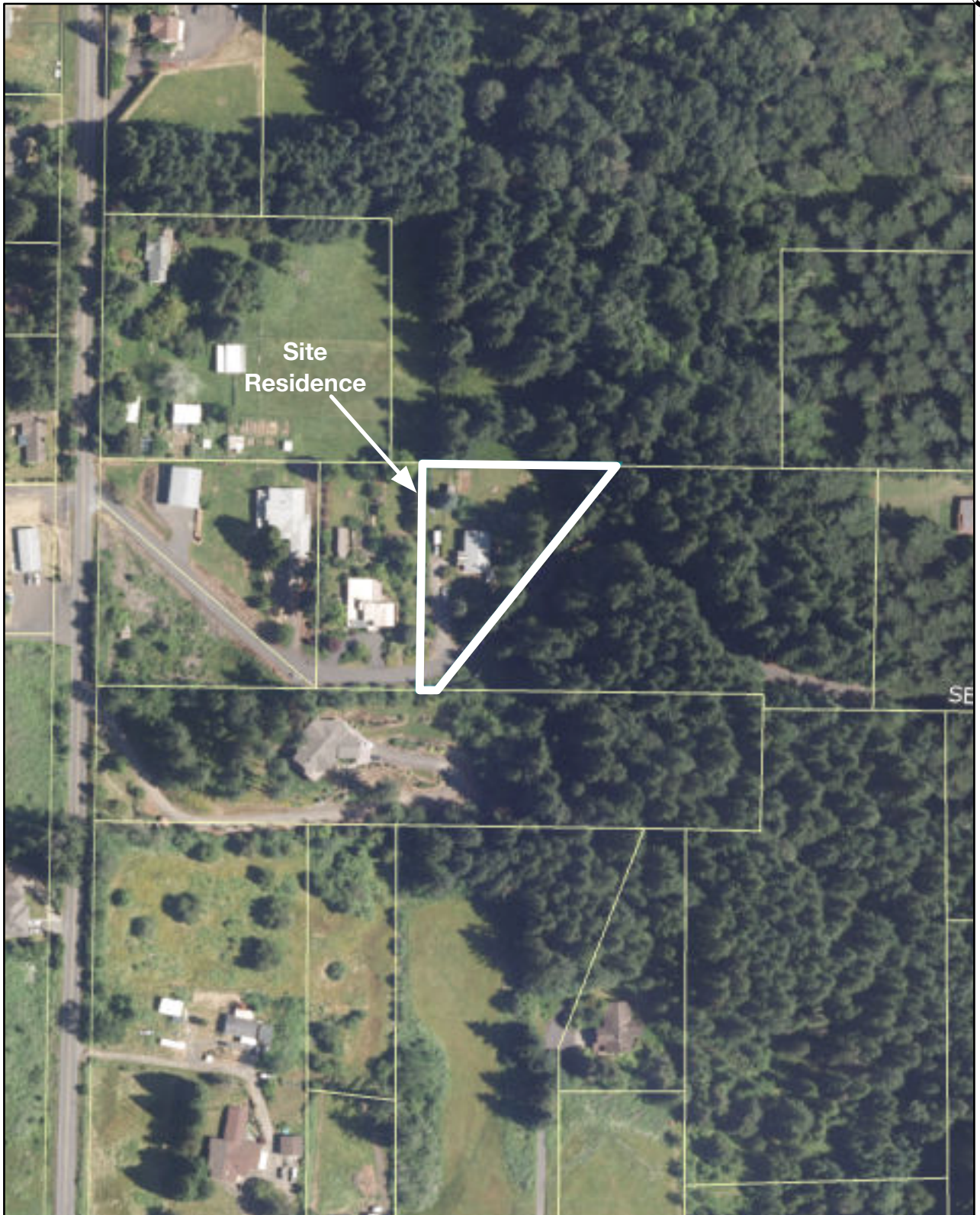
Report prepared by:

SOIL SOLUTIONS ENVIRONMENTAL SERVICES, INC

Mary Groff, Technical Report Writer

Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

FIGURES



Portland Maps 2023



Figure 1:
Vicinity Map
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID #6564

PROJECT: Lodgers

DATE: 6/1/23

0 |—————| 300 feet

LEGEND

- = Hand auger boring/Geoprobe/grab sample location
- = former 275 gallon AST location and concrete pad
- ▭ = excavation area
- ppm = parts per million
- All soil samples collected in depths of feet bgs

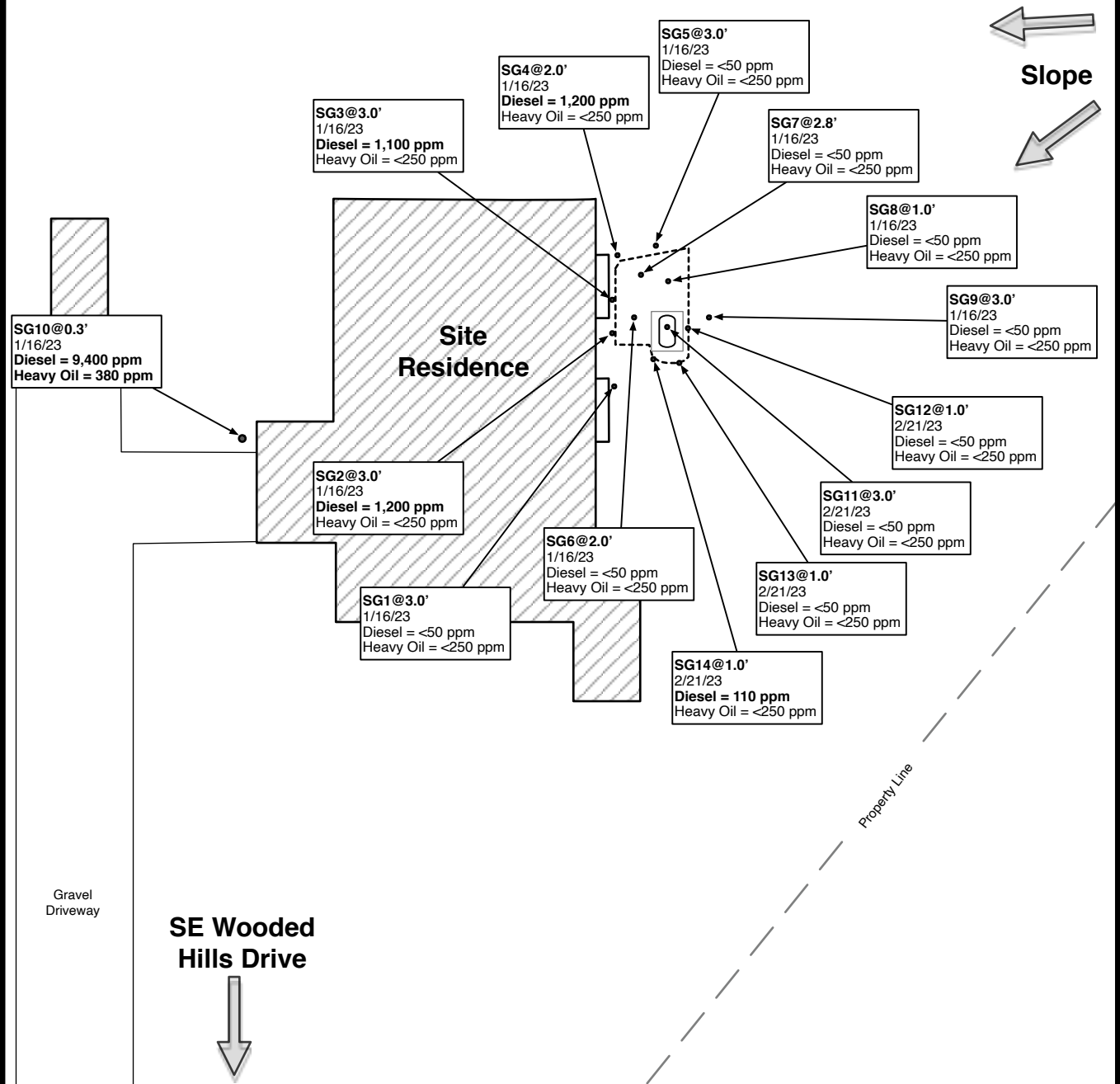
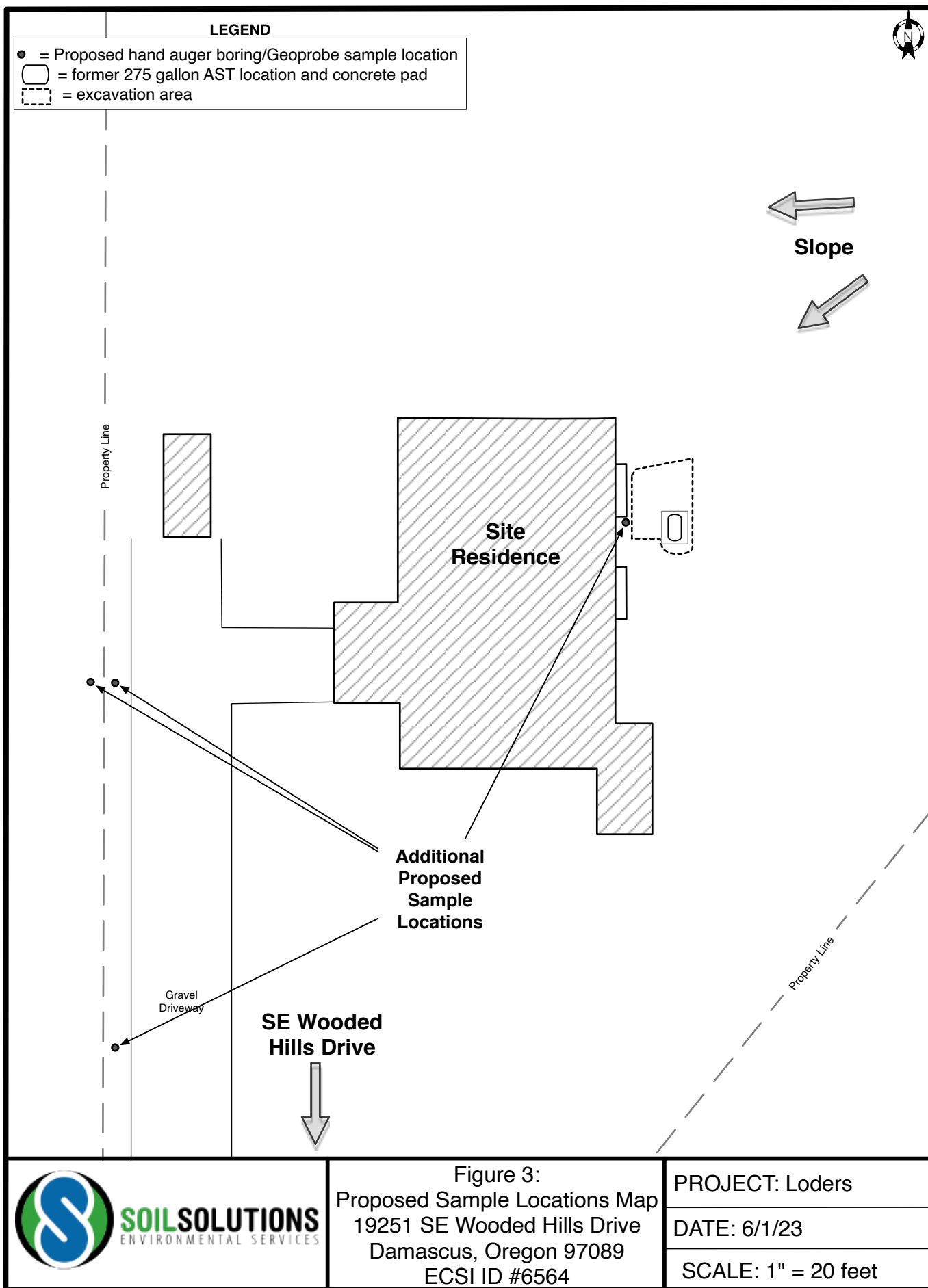


Figure 2:
Soil Sample Location Map
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID #6564

PROJECT: Loders

DATE: 6/1/23

SCALE: 1" = 20 feet



Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

TABLES

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Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

APPENDICES

Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

Appendix A

Photographs of Field Activities



Photo 1. View of the residence from the bottom of the driveway. View is to the northeast.



Photo 2. West side of house. View is to the southeast.



Photo 3. The AST was located east of the house. View is to the north.



Photo 4. View of the AST and concrete pad. View is to the southwest.



Photo 5. The AST contents were removed and product lines were transferred to a temporary AST for future use. View is to the southeast.



Photo 6. A pinhole and pitting were observed on the tank bottom. View is from under the tank.



Photo 7. The AST was emptied and removed from the property. View is to the northwest.



Photo 8. Contaminated concrete was observed below the former AST location. View of concrete pad.



Photo 9. The concrete pad was removed. View is to the northwest.



Photo 10. Contaminated soil removal began below the former AST location. View is to the south.



Photo 11. Contaminated soil was transported for proper disposal. View is of removed soil.



Photo 12. Excavation area. View is to the north.



Photo 13. Excavation area. View is to the west.



Photo 14. The excavation area was backfilled with gravel. View is to the west.



Photo 15. The former AST area was restored to grade with soil. View is to the southwest.



Photo 16. A vapor mitigation system was installed on the east side of the house. View is to the northwest.

Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

Appendix B

Certified Analytical Reports, Chain of Custody Documents

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

January 27, 2023

Project Managers
Soil Solutions
3540 SE 28th Ave
Portland, OR 97202

Dear Project Managers:

Included are the results from the testing of material submitted on January 17, 2023 from the 19251 SE Wooded Hills Dr, F&BI 301233 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Soil Solutions Reports
SSI0127R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/23

Date Received: 01/17/23

Project: 19251 SE Wooded Hills Dr, F&BI 301233

Date Extracted: 01/17/23

Date Analyzed: 01/17/23

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND RESIDUAL RANGE
USING METHOD NWTPH-D_x**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Residual Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SG1@3.0' 301233-01	<50	<250	114
SG2@3.0' 301233-02	1,200	<250	126
SG3@3.0' 301233-03	1,100	<250	124
SG4@2.0' 301233-04	1,200	<250	125
SG5@3.0' 301233-05	<50	<250	112
SG6@2.0' 301233-06	<50	<250	111
SG7@2.8' 301233-07	<50	<250	113
SG8@1.0' 301233-08	<50	<250	114
SG9@3.0' 301233-09	<50	<250	111
SG10@0.3' 301233-10	9,400	380 x	139
Method Blank 03-162 MB	<50	<250	111

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/23

Date Received: 01/17/23

Project: 19251 SE Wooded Hills Dr, F&BI 301233

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-D_x**

Laboratory Code: 301222-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	106	106	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

301233

Send report to PMs

SAMPLE CHAIN OF CUSTODY

01/17/23

V8-A3/A3

Page # 1 of 1

SAMPLES (signature)

PROJECT NAME/NO.

PO #

19251 SC wooded Hills Dr

REMARKS

☐ Standard
☒ RUSH 24 hr
 Rush charges authorized by:

SAMPLE DISPOSAL

☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

 Company Soil Solutions
 Address 3540 SE 28th Avenue
 City, State, Zip Portland, OR 97202
 Phone # (503) 234-2118 Fax # (503) 331-7133

ANALYSES REQUESTED														
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	NWTPH-Dx	NWTPH-HCID	NWTPH-Gx	BTEX 8021B	BTEXN 8260C	PAHs (No N) 8270CCIM	PAHs 8270C SIM	Lead by 200.8	Notes
S61 @ 3.0'	01	11/16/23		Soil	1 1920m 200m	✓								
S62 @ 3.0'	02A-C	11/16/23		Soil	1920m 200m	✓								
S63 @ 3.0'	03	11/16/23		Soil	1920m 200m	✓								
S64 @ 2.0'	04	11/16/23		Soil	1920m 200m	✓								
S65 @ 3.0'	05	11/16/23		Soil	1	✓								
S66 @ 2.0'	06	11/16/23		Soil	1	✓								
S67 @ 2.8'	07	11/16/23		Soil	1	✓								
S68 @ 1.0'	08	11/16/23		Soil	1	✓								
S69 @ 3.0'	09	11/16/23		Soil	1 1920m 200m	✓								
S610 @ 0.3'	10A-C	11/16/23		Soil	1920m 200m	✓								

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COG\SOIL SOLUTIONS.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Reinquished by: <u>[Signature]</u>	<u>Todd [Signature]</u>	<u>SJS</u>	<u>11/16/23</u>	
Received by: <u>[Signature]</u>	<u>AN H PHAN</u>	<u>FAB</u>	<u>01/17/23</u>	<u>10:02</u>
Relinquished by:				
Received by:				
Received by:				

Samples received at 100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

February 24, 2023

Project Managers
Soil Solutions
3540 SE 28th Ave
Portland, OR 97202

Dear Project Managers:

Included are the results from the testing of material submitted on February 22, 2023 from the 19251 SE Wooded Hills Dr, F&BI 302307 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Soil Solutions Reports
SSI0224R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/24/23

Date Received: 02/22/23

Project: 19251 SE Wooded Hills Dr, F&BI 302307

Date Extracted: 02/22/23

Date Analyzed: 02/22/23

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND RESIDUAL RANGE
USING METHOD NWTPH-D_x**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Residual Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SG11@3.0' 302307-01	<50	<250	90
SG12@1.0' 302307-02	<50	<250	88
SG13@1.0' 302307-03	<50	<250	92
SG14@1.0' 302307-04	110	<250	96
Method Blank 03-483 MB	<50	<250	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/24/23

Date Received: 02/22/23

Project: 19251 SE Wooded Hills Dr, F&BI 302307

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-D_x**

Laboratory Code: 302297-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	94	94	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	92	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased high; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

Send report To:

PMS

SAMPLE CHAIN OF CUSTODY

Gr/22/23

2E4

Page # 1 of 1

TURNAROUND TIME

PROJECT NAME/NO.

PO#

PROJECT NAME/NO.
19251 SE Wooded Hills Dr

REMARKS

☐ Standard

~~CRUSH~~ 27 hr
Rush charges authorized

SAMPLE DISPOSAL

☒ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Company Soil Solutions
Address 3540 SE 28th Avenue
City, State, Zip Portland, OR 97202
Phone # (503) 234-2118 Fax # (503) 331-7133

SAMPLERS (signature)	
PROJECT NAME/NO.	PO #
19251 SE Wooded Hills Dr	
REMARKS	

Page # 1 of 1

TURNAROUND TIME

☐ Standard

☒ RUSH 24 hr

Rush charges authorized by: _____

SAMPLE DISPOSAL

☒ Dispose after 30 days

☐ Return samples

☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED								Notes	
						NWTPH-Dx	NWTPH-HCID	NWTPH-Gx	BTEX 8021B	BTEXN 8260C	PAHs (No N) 8270CCIM	PAHs 8270C SIM	Lead by 200.8		
S511E 3.0'	01	2/21/23		Soil	1	☒									
S512E 1.0'	02	2/21/23		Soil	1	☒									
S513E 1.0'	03	2/21/23		Soil	1	☒									
S514E 1.0'	04	2/21/23		Soil	1	☒									

Friedman & Bruye, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\CO2\SOIL SOLUTION

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	Todd Turner	S/S	2/21/25	
Received by: 	ANHPHAN	FS4	02/22/23	10:20
Relinquished by:				
Received by:				



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

Cover Letter

Kirk B. Loders
19251 SE Wooded Hills Dr
Boring Oregon 97089
United States of America (USA)

Dear Kirk B. Loders,

Enclosed please find Columbia Laboratories analytical report for samples received as order number 23-000093 on 01/04/2023 at 12:55. Should you have any questions about this report or any other matter, please do not hesitate to contact us. We are here to help you.

Analysis for Diesel-Range Organics was subcontracted to Specialty Analytical in Clackamas, OR. Please see attached report for results.

NOTE: Some or all of this analysis was subcontracted to Specialty Analytical in Clackamas, OR. Specialty Analytical is not an ORELAP accredited laboratory.

Thank you for allowing Columbia Laboratories to be of service to you, we appreciate your business.

Sincerely,

Derrick Tanner
General Manager



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

Sample Results

Sample: Bathroom Sink	Collected: 1/4/23 12:06	Temp: 11.1 °C	Matrix:
Lab ID: 23-000093-0001	Received: 1/4/23 12:55	Evidence of Cooling: Y	Drinking Water

Method: EPA 200.8 in mg/l

Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Arsenic*	< LOQ	0.010	mg/l	0.0010	1.00	2300254		01/09/23 18:13	

Method: EPA300.0

Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
Nitrate*	0.143	10.000	mg/l	0.0500	1.00	2300106		01/04/23 19:21	

Method: SM9223BColilert18

Analyte	Result	Limit	Units	LOQ	Dil.	Batch	Start/Extract	Analyzed	Notes
E. coli*	Absent	Absent	/100 mL		1.00	2300088	01/04/23 17:35	01/05/23 11:43	
Total Coliform*	Absent		/100 mL		1.00	2300088	01/04/23 17:35	01/05/23 11:43	

Units of Measure

mg/l = milligrams per liter

/100 mL = per 100 milliliter

Abbreviations

LOQ Limit of quantification

* = TNI accredited analyte.



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Portland, OR 97230
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Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr



Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331

Website: www.specialtyanalytical.com

January 12, 2023

Mark Leed
Columbia Laboratories
12423 NE Whitaker Way
Portland, OR 97230
TEL: (503) 254-1794
FAX: (503) 254-1454

RE: 23-000093

Order No.: 2301046

Dear Mark Leed:

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

Specialty Analytical

WO#: 2301046
Date Reported: 1/12/2023

CLIENT: Columbia Laboratories
Project: 23-000093
Lab ID: 2301046-001
Client Sample ID Bathroom Sink

Collection Date: 1/4/2023 12:06:00 PM

Matrix: DRINKING WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX - RBC						
Diesel	ND	0.0898		mg/L	1	1/11/2023 2:00:00 AM
Lube Oil	ND	0.224		mg/L	1	1/11/2023 2:00:00 AM
Surr: o-Terphenyl	103	50 - 150		%Rec	1	1/11/2023 2:00:00 AM



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

QC SUMMARY REPORT

Specialty Analytical

WO#: 2301046

1/12/2023

Client: Columbia Laboratories

Project: 23-000093

TestCode: NWTPHDXLL_W

Sample ID: CCV1	SampType: CCV	TestCode: NWTPHDXLL	Units: mg/L	Prep Date:				RunNo: 47916			
Client ID: CCV	Batch ID: 20754	TestNo: NWTPH-Dx	SW 3510C	Analysis Date: 1/10/2023				SeqNo: 615385			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	6.39	0.0800	6.000	0	106	85	115				
Lube Oil	2.81	0.200	3.000	0	93.8	85	115				

Sample ID: MB-20754	SampType: MBLK	TestCode: NWTPHDXLL	Units: mg/L			Prep Date: 1/9/2023			RunNo: 47916		
Client ID: PBW	Batch ID: 20754	TestNo: NWTPH-Dx	SW 3510C			Analysis Date: 1/10/2023			SeqNo: 615386		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	0.0800									
Lube Oil	ND	0.200									
Surr: o-Terphenyl	0.200		0.2000		99.9	50	150				

Sample ID: LCS-20754	SampType: LCS	TestCode: NWTPHDXLL	Units: mg/L	Prep Date: 1/9/2023	RunNo: 47916						
Client ID: LCSW	Batch ID: 20754	TestNo: NWTPH-Dx	SW 3510C	Analysis Date: 1/10/2023	SeqNo: 615387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.780	0.0800	1.000	0	78.0	60.7	121				
Lube Oil	1.01	0.200	1.000	0	101	64	126				

Qualifiers: H Holding times for preparation or analysis exceeded

S Spike Recovery outside accepted recovery limits

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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

QC SUMMARY REPORT

Specialty Analytical

WO#: 2301046

1/12/2023

Client: Columbia Laboratories

Project: 23-000093

TestCode: NWTPHDXLL_W

Sample ID: LCSD-20754	SampType: LCSD	TestCode: NWTPHDXLL	Units: mg/L	Prep Date: 1/9/2023	RunNo: 47916						
Client ID: LCSS02	Batch ID: 20754	TestNo: NWTPH-Dx	SW 3510C	Analysis Date: 1/10/2023	SeqNo: 615388						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	0.857	0.0800	1.000	0	85.7	60.7	121	0.7798	9.38	20	
Lube Oil	1.04	0.200	1.000	0	104	64	126	1.005	2.92	20	

Sample ID: CCV2	SampType: CCV	TestCode: NWTPHDXLL	Units: mg/L	Prep Date:				RunNo: 47916			
Client ID: CCV	Batch ID: 20754	TestNo: NWTPH-Dx	SW 3510C	Analysis Date: 1/11/2023				SeqNo: 615400			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	8.62	0.0800	8.000	0	108	85	115				
Lube Oil	3.86	0.200	4.000	0	96.4	85	115				

Qualifiers: H Holding times for preparation or analysis exceeded

S Spike Recovery outside accepted recovery limits

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12423 NE Whitaker Way
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503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr



Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Check list

Client Name COLUMBIA

Work Order Number 2301046

RcptNo: 1

Date and Time Receive 1/5/2023 1:52:17 PM

Received by: Mandy Wehe

Completed by

Reviewed by:

Completed Date:

1/5/2023

Reviewed Date:

1/5/2023 3:23:35 PM

Carrier name: Client

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Not Present ☐

Are matrices correctly identified on Chain of custody?

Yes ☒

No ☐

Is it clear what analyses were requested?

Yes ☒

No ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Samples in proper container/bottle?

Yes ☒

No ☐

Were correct preservatives used and noted?

Yes ☒

No ☐

NA ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

Were container labels complete (ID, Pres, Date)?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Was an attempt made to cool the samples?

Yes ☒

No ☐

NA ☐

All samples received at a temp. of > 0° C to 6.0° C?

Yes ☒

No ☐

NA ☐

Response when temperature is outside of range:

Preservative added to bottles:

Sample Temp. taken and recorded upon receipt?

Yes ☒

No ☐

To 5.6 °C

Water - Were bubbles absent in VOC vials?

Yes ☐

No ☐

No Vials ☒

Water - Was there Chlorine Present?

Yes ☐

No ☐

NA ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

Are Samples considered acceptable?

Yes ☒

No ☐

Custody Seals present?

Yes ☐

No ☒

Traffic Report or Packing Lists present?

Yes ☐

No ☒

Airbill or Sticker?

Air Bill ☐

Sticker ☐

Not Present ☒

Airbill No:

Sample Tags Present?

Yes ☐

No ☒

Sample Tags Listed on COC?

Yes ☐

No ☒

Tag Numbers:

Sample Condition?

Intact ☒

Broken ☐

Leaking ☐

Case Number:

SDG:

SAS:

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

=====



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr



Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Check list

Client Contacted?	☐ Yes	☒ No	☐ NA	Person Contacted:		Comments:
Contact Mode:	☐ Phone:	☐ Fax:	☐ Email:	☐ In Person:		
Client Instructions:						
Date Contacted:	Contacted By:					
Regarding:						
CorrectiveAction:						



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

Specialty Analytical		9011 SE Jannsen Rd Clackamas, OR 97015 Phone: 503-607-1331 Fax: 503-607-1336		Chain of Custody Record															
Client: Columbia Laboratories		Project No: 23-000093 PO No:		Date: 1/5/2022		Page: 1 of 1		Laboratory Project No (internal): 2301046											
Address: 12423 NE Whitaker Way		Collected by:		Project Name:		Temperature on Receipt: 5.6°C 1w		Custody Seal: Y (N)											
City, State, Zip: Portland OR, 97230		State Collected: OR ☒ WA ☐ OTHER ☐		Report To (PM): Mark Leed		Notes:		Shipped Via: chun											
Telephone: 503-254-1794		Invoice To: shallah.gale@tentamus.com		PM Email: mark.leed@tentamus.com		Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)													
Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests												Comments		
Bathroom Sink	1/4/23	1206	DW	1	X														
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
* Matrix: A=Air, AQ=Aqueous, O=Other, P=Product, S=Soil, SD=Sediment, SL=Solid, W=Water, DW=Drinking Water, GW=Ground Water, SW=Storm Water, WW=Waste Water**Metals																			
Turn-around Time: Standard (5-7 Business): ☒ 3 Day: ☐ 2 Day: ☐ Next Day: ☐ Same Day: ☐																			
Relinquished		Date/Time		1/5		1:33		Received		Date/Time		1/5/23		1:33					
x Ryan Gibbons								x											
Relinquished		Date/Time						Received		Date/Time									
x								x											

www.specialtyanalytical.com

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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr



Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Definition Only

WO#: 2301046
Date: 1/12/2023

Definitions:

KEY TO FLAGS

- A: This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was qualified against gasoline calibration standards.
- A1: This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was qualified against diesel calibration standards.
- A2: This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was qualified against lube oil calibration standards.
- A3: The results was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4: The product appears to be aged or degraded.
- B: The blank exhibited a positive result greater than the reporting limit for this compound.
- CN: See Case Narrative.
- E: Result exceeds the calibration range for this compound. The result should be considered an estimate.
- F: The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- FS: Follow-up testing is suggested.
- G: Result may be biased high due to biogenic interferences. Clean up is recommended.
- H: Sample was analyzed outside recommended holding time.
- HT: ☐ At client's request, samples was analyzed outside of recommended holding time.
- HP: Sample was analyzed outside recommended holding time due to VOA having pH >2.
- J: The results for this analyte is between the MDL and the PQL and should be considered an



Definition Only

WO#: 2301046
Date: 1/12/2023

Definitions:

estimated concentration.

K; Diesel result is biased high due to amount of Oil contained in the sample.

L; Diesel result is biased high due to amount of Gasoline contained in the sample.

M; Oil result is biased high due to amount of Diesel contained in the sample.

N; Gasoline result is biased high due to amount of Diesel contained in the sample.

MC; Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.

MI; Result is outside control limits due to matrix interference.

NH; Sample matrix is non-homogeneous

MSA; Value determined by Method of Standard Addition.

O; Laboratory Control Standard (LCS) exceeded laboratory control limits but meets CCV criteria. Data meets EPA requirements.

Q; Detection levels elevated due to sample matrix.

R; RPD control limits were exceeded

RF; Duplicate failed due to result being at or near the method-reporting limit.

RP; Matrix spike values exceed established QC limits; post digestion spike is in control.

S; Recovery is outside control limits.

SC; CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.

SL; LCS exceeded recovery control limits, but associated MS/MSD passing. Data meets EPA requirements.



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Portland, OR 97230
503-254-1794



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Project No: Hills Dr



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Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Definition Only

WO#: 2301046
Date: 1/12/2023

Definitions:

SV: CCV exceeded low recovery control limits. ND as reported evaluated using EPA method 8260D section 11.4.3.2

TA: Sample treated with ascorbic acid for the removal of thiocyanates.



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Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr



Real-Estate Water Analysis
E9007 - Arsenic, Nitrate, and Coliform

Document Control ID: 2728 Revision: 5
Effective: 04/22/2022
Page 1 of 1

+ NWTPH - DX

Information from Location where Sample was Taken	Realtor or Second Party Information
Name: <u>Kirk & Lynn Loders</u>	Company Name: _____
Address: <u>19251 SE Wooded Hills Dr.</u>	Attention: _____
City: <u>Damascus</u> State: <u>OR</u> Zip Code: <u>97089</u>	Address: _____
Phone: <u>503-703-1801</u> (Cell: _____)	City: _____ State: _____ Zip Code: _____
E-Mail: <u>loderskirk68@gmail.com</u>	Phone: _____ Cell: _____
Point Where Sample was Taken: <u>bathroom sink</u>	E-Mail: _____ Fax: _____
Collection Date/Time: <u>01/04/23 12:06 am/pm</u>	Send Report to: ☐ Home Owner (email): _____ ☐ Realtor or Second Party (email): _____
Collected By: <u>Lynn Loders</u>	
Special Instructions: <u>AU009V x1 8417 x2 8415 x1 HCL</u>	

+ \$100

ARSENIC, NITRATE, AND COLIFORM BACTERIA INSTRUCTIONS + NWTPH - DX

- Fill out the address and sample collection information at the top of the form and attach payment. **8-day TAT for test package E9007 = \$79.** Call our Customer Service Department for information and pricing on **rush** samples or sample pick-up.
- The Coliform test sample must be collected in the sealed, sterile bottle. **The sample must be collected from the source prior to any form of treatment, or after injection points where the treatment has been disabled or bypassed.** Before collection, remove any strainers and wipe the faucet clean with an alcohol swab. Run the water for 5 minutes or until it reaches constant temperature before collecting the sample. Remove the sterile seal from the bottle and remove the cap. Do not rinse out the bottle. Take care to not touch the inside of the cap or bottle. Fill the bottle between the 100 ml and the fill line. Be sure to leave a 1-inch airspace. Do not overfill or overflow the bottle.
- Fill both the Arsenic and Nitrate sample bottles.
- Arsenic, Nitrate, and Total Coliform samples must be received by the laboratory within **24 hours** of sample collection. Samples must be kept cool, between 36° and 43°F.

Samples may be rejected if sampling instructions are not followed or if the microbiological sample has leaked, is not filled properly, and/or is over 30 hours old.

CHAIN OF CUSTODY:			
Relinquished By: <u>Lynn Loders</u>	Date/Time: <u>01-04-23 12:56</u>	Received By: <u>RBS</u>	Date/Time: <u>01/04/23 12:55</u>
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Lab Use Only			
Client Alias: _____		Order Number: _____	
Cash \$: _____	Check \$: _____	Check No.: _____	Visa/MC \$: <u>MQ0143356868 179.00</u>
☐ One (1) inch Air Space ☐ Proper Container			
Evidence of Cooling ☒ Yes ☐ No Temp: <u>41.1</u> °C			
☐ Temperature 2°C - 6°C, unless sample is received on ice within 2 hours of collection.			

New accounts are accepted with full payment in advance by cash, check, Visa, or MasterCard. A credit line may be established with credit application. All credit line accounts are payable within 30 days following the date of invoice and subject to legal interest on accounts. Accounts that are 60 days past due will automatically default into cash on delivery (COD). Reports will not be released until past and current invoices are received.

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of service](#) associated with signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories, Inc.
A Members of Tentamus

12423 NE Whitaker Way Portland, OR 97230
503-254-1794

www.columbi
info@columb

Kirk B. Loders

LODERSK

23-000093





12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 23-000093/D002.R00
Report Date: 01/17/2023
ORELAP#: OR100028
Purchase Order:
Project Name: 19251 SE Wooded
Project No: Hills Dr

Case Narrative

No Case Narrative notes to report.

Aboveground Storage Tank Progress Report
19251 SE Wooded Hills Drive
Damascus, Oregon 97089
ECSI ID#6564

Appendix C

Disposal Receipts

BILL OF LADING 329152	Date 2-14-23	918
Dispatch #		

Customer #

Information

Destination: 4150 N SURTCEK RD, PORTLAND, OR 97217

Via Carrier: *Durco*

Driver:	Truck #
4102	4102

Load Ticket #

[illegible]

EPA# *None*

Total:

As an authorized representative of the generator of the material described above, I certify that the information contained in this document is 100% accurate and complete. I further certify that this material does NOT constitute a hazardous waste and has NOT been mixed with any hazardous waste such as spent chlorinated solvents or any other contaminants including, without limitation, PCBs, pesticides, or any other hazardous wastes or substances. In the event that the material described in this document is in fact a hazardous waste, or contains 2 ppm or more of PCBs, I guarantee to pay all costs necessary for proper analysis, transportation, storage, and disposal as well as any fines, penalties, attorneys' fees, expert witness fees and the loss of the petroleum product resulting from contamination and / or inaccurate and / or incomplete information concerning the material described above.

Signed X

Date:

2-14-23

METRO METALS NORTHWEST, INC
5611 NE COLUMBIA BLVD
PORTLAND, OR 97218

Date: 09/13/2023
Vendor # 10 = 0001483

SETTLEMENT REPORT
DETAIL

SOIL SOLUTIONS
3540 SE 28th Ave
Portland, OR 97202

Ticket	Date	Material	Gross	Tare	Contamination	Net-Wgt (lbs)	UM	Price/UM	Amount
1286148	9/1/2023	Environmental/Fuel Surcha	0.00	0.00	0.00	0.00	EA	0.00	-15.00
		Vendor Reference #: Charlie							
1286148	9/1/2023	#2 Steel Unprepared	40,780.00	33,640.00	0.00	7,140.00	G	160.00	510.00
		Vendor Reference #: Charlie							



Totals:	7,140.00	495.00
---------	----------	--------



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

wooded Hills

Original
Ticket# 1671717

Customer Name SOILSOLUTION SOIL SOLUTIONS E Carrier SOIL SOLUTIONS ENVIR
Ticket Date 01/19/2023 Vehicle# 28 Volume
Payment Type Credit Account Container
Manual Ticket# Driver DAN
Hauling Ticket# Check#
Route Billing # 0002022
State Waste Code Gen EPA ID N/A
Manifest NA
Destination Grid
PO
Profile 134996OR (LF02 Diesel Fuel/Fuel Oil Contaminated Soil)
Generator OR-SOIL SOLUTIONS SOIL SOLUTIONS 3540 SE 28TH AVE

	Time	Scale	Operator	Inbound	Gross	
In	01/19/2023 09:01:15	Inbound 2	jbrown40		Tare	54200 lb
Out	01/19/2023 09:17:19	Outbound	jdrury		Net	30340 lb
					Tons	23860 lb
						11.93

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	11.93	Tons				MULT-IN
2 FUEL-Fuel Surcharg	100		%				MULT-IN

Total Tax
Total Ticket

Driver's Signature



Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Wooded Hills

Original
Ticket# 1674215

Customer Name SOIL SOLUTIONS E Carrier SOIL SOLUTIONS ENVIR
Ticket Date 02/22/2023 Vehicle# 28 Volume
Payment Type Credit Account Container
Manual Ticket# Driver DAN
Hauling Ticket# Check#
Route Billing # 0002022
State Waste Code Gen EPA ID N/A
Manifest na
Destination Grid
PO
Profile 1349960R (LF02 Diesel Fuel/Fuel Oil Contaminated Soil)
Generator OR-SOIL SOLUTIONS SOIL SOLUTIONS 3540 SE 28TH AVE

	Time	Scale	Operator	Inbound	Gross	
In	02/22/2023 08:25:21	Inbound 1	Jbrown40		Tare	39520 lb
Out	02/22/2023 08:49:44	Outbound	LGILLILA		Net	31120 lb
					Tons	8400 lb
						4.20

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	4.20	Tons				MULT-IN
2 FUEL-Fuel Surcharg	100		%				

Total Tax
Total Ticket

Driver's Signature