March 24, 2021

Mr. Shawn Rahimzadeh
Excellent Choice Auto Sales
P. O. Box 13440
Mill Creek, Washington 98082

RE: Additional Groundwater Investigation
Marysville Excellent Choice Auto Sales
9302, 9310, and 9314 State Avenue
Marysville, Washington 98270
RGI Project No. 2018-244-2

Dear Mr. Rahimzadeh:

The Riley Group, Inc. (RGI) has conducted an Additional Groundwater Investigation (GW Investigation) for the Excellent Choice Auto Sales Property located at 9302, 9310, and 9314 State Avenue in Marysville, Washington (hereafter referred to as the Property, Figure 1).

This GW Investigation was performed at the request of Mr. Shawn Rahimzadeh with Excellent Choice Auto Sales (hereafter referred to as the Client). The scope of work for this project was performed in general accordance with our *Additional Groundwater Investigation Proposal* (2018-244-PRP4) dated February 19, 2021 and approved by the Client on February 23, 2021.

This GW Investigation report has incorporated the soil and groundwater analytical results from RGI's February 2019 Preliminary Phase II subsurface investigation, August 2019 Supplemental Phase II subsurface investigation, and January 2021 Groundwater Monitoring Well Installation reports.

The test probes advanced, and analytical laboratory reports, associated with this project are included in the attached Appendices.

POTENTIAL CONTAMINANTS OF CONCERN

Based on available information for the Property, the contaminants of concern (COCs) in soil and/or groundwater were identified as follows:

- Gasoline-range Total Petroleum Hydrocarbons (TPHg)
- Ethylbenzene and xylene

The soil and groundwater screening levels for the COCs are obtained from the Washington State Department of Ecology's (Ecology's) Model Toxics Control Act (MTCA) Method A Soil and Groundwater Cleanup Levels (as shown on Ecology's Cleanup Levels and Risk Calculation [CLARC] on-line database). The CLARC database is developed and maintained by Ecology and helps establish cleanup levels for hazardous waste sites to comply with the MTCA Cleanup Regulation, Chapter 173-340 Washington Administrative Code (WAC).

SCOPE OF SERVICES

The scope of work for this project included the following:

- Performed public and private utility locating in an attempt to identify the location(s) of buried utility lines servicing the existing buildings on the Property.
- Advanced nine direct-push test probes (TP7 through TP15) to better define the nature and extent of soil and/or groundwater quality at the Property. Soil samples were collected during the test probe investigation. Test probes were advanced to a maximum depth of 30 feet below ground surface (bgs).
- Collected groundwater grab samples from TP7 through TP15 after developing the temporary wells by purging approximately three gallons of water.
- Submitted selected soil and groundwater samples for laboratory analysis. The soil samples that appeared to be most contaminated (based on field screening observations) were selected for laboratory analysis.
- Compared analytical results to the routine Ecology MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses and MTCA Method A Cleanup Levels for Ground Water.
- Prepared this report presenting our findings, observations, conclusions, and recommendations (if any).

REGULATORY ANALYSIS OF SITE CONDITIONS UNDER MTCA

Washington's hazardous waste cleanup law, the Model Toxics Control Act (70.105D RCW), mandates the necessity for site cleanups to protect human health and the environment. The MTCA Cleanup Regulation (173-340 WAC) defines the approach for establishing cleanup requirements for individual sites, including the establishment of cleanup standards and selection of cleanup actions.

The MTCA Cleanup Regulation provides three options for establishing generic and site-specific cleanup levels for soil and groundwater. Method A cleanup levels have been adopted for specific purposes and are intended to provide conservative cleanup levels for sites undergoing routine site characterization or cleanup actions or those sites with relatively few hazardous substances. Method B and C cleanup levels are set using a site risk assessment, which focus on the use of "reasonable maximum exposure" assumptions based on site-specific characteristics and toxicity of the contaminants of concern.

For purposes of comparison, analytical laboratory data for this project are compared to the MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses and the MTCA Method A Cleanup Levels for Groundwater.

PRIVATE AND PUBLIC UTILITY LOCATE

At least 48 hours prior to commencing our subsurface investigation, RGI contacted One-Call to locate known public underground utilities near, or on, the Property. Public underground utilities located included electric, natural gas, telecommunications, water, sewer, and cable.

RGI also retained a private utility locator to locate private water, natural gas, electric, and other metallic underground utility conduits potentially located in the vicinity of the proposed test probe locations.

SOIL SAMPLING ACTIVITIES

During the test probe investigation, a continuous, 5-ft. soil sample soil core was collected. In general each 5-ft. sample core had a soil sample recovery of 50% to 80%.

At least one discrete soil sample was collected within every 5-ft. sample core for field screening analysis. Field screening analysis included performing a water sheen test and using a portable gas analyzer equipped with photoionization detector (PID). More frequent field screening analysis of soils was performed just above and below the water table. Test probes termination depths were typically at 30-ft. bgs.

In total, 26 discrete soil samples were collected and field screened for the presence of TPHg and BTEX (benzene, toluene, ethylbenzene, and xylenes) using a PID and/or water sheen test. PID readings ranged from 0.0 to 355 parts per million per volume (ppmv). Based on field screening observations, elevated PID readings were only encountered, at certain test probe locations, at the soil/groundwater interface. The vertical extent of soil contamination encountered during drilling, based on these field screening results, was generally encountered at the soil/water interface and extended somewhere between 1-ft to 2-ft. just at and/or below the water table.

The RGI's test probe logs for this additional groundwater investigation are included in Appendix A.

GROUNDWATER INVESTIGATION ACTIVITIES

On March 3, 2021, RGI advanced nine test probes to a maximum depth of approximately 30-ft. bgs. All test probes were advanced using a Geoprobe direct push drill rig. Tooling utilized during test probe drilling consisted of 2.25-inch diameter drill rods. During soil sample collection, the borehole across the entire soil vadose zone remained open (that is, the vadose zone soils did not slough, or cave-in during drilling or following drill rod removal).

After drilling and soil sampling was complete at each location, a temporary well (referenced to herein as temp wells) was installed for groundwater grab sample collection and laboratory analysis. The temp well consisted of a 5-ft. section of 1-inch diameter slotted PVC well screen and approximately 25-ft. of 1-inch diameter casing.

Approximately three gallons of water, or until purge water was visually clear, was purged from each temp, whichever came first. Purge water and groundwater samples were collected using a peristaltic pump and polyethylene tubing. New tubing was used for each temp well. After the groundwater grab sample was collected from each test probe, the temp well was removed and the open borehole was decommissioned using hydrated bentonite and ready-mix asphalt to match existing pavement.

SUBSURFACE CONDITIONS

Soil conditions encountered were described using the Unified Soil Classification System (USCS). Subsurface soil encountered during drilling consisted of fine to medium sand.

Groundwater was encountered during drilling from approximately 26 to 28 feet bgs.

SAMPLING PROTOCOLS

All samples were collected in accordance with our standard operating and decontamination procedures. Prior to advancing each test probe and between each sampling attempt, the sampling equipment and sampling tools were decontaminated by washing in an aqueous detergent solution consisting of a non-phosphate detergent and potable water, and then rinsing with potable water.

Samples were placed in preconditioned, sterilized containers provided by an Ecology-accredited analytical laboratory. If soil samples were collected for analysis of VOCs, they were collected using the Environmental Protection Agency's Method 5035 sampling method. The samples were placed in a cooler with ice throughout the field program, with all subsequent transportation and transfer accomplished in strict accordance with RGI's chain-of-custody procedures.

ANALYTICAL LABORATORY ANALYSIS

Nine out of 26 discrete soil samples, and all nine groundwater samples, collected during this project were selected for laboratory analyses. Soil and groundwater grab samples collected during this investigation were submitted to Friedman & Bruya, Inc. of Seattle, Washington, for one or more of the following laboratory analyses:

- TPHg using Northwest Test Method NWTPH-Gx
- BTEX using EPA Test Method 8021B
- Diesel-range TPH (TPHd) and oil-range TPH (TPHo)

LABORATORY ANALYTICAL RESULTS

Soil and groundwater analytical results and related field screening data are summarized in the attached Tables and Figures, and are discussed below.

Copies of the analytical laboratory report and associated sample chain-of-custody forms are included in Appendix B.

Soil Analytical Results

Nine out of 26 soil samples collected for potential laboratory analysis were submitted for TPHg and BTEX analysis.

TPHg and BTEX concentrations in soil were not detected above cleanup levels from test probes TP8, TP9, TP12, and TP15.

Ethylbenzene and xylenes and/or TPHg concentrations in soil were detected above cleanup levels at test probes TP7, TP10, TP11, TP13, and TP14. These elevated concentrations in soil were all collected at depths of 26 and 28 ft. bgs – at, our just below, the water table. The TPHg concentrations ranged between 350 mg/kg to 6,600 mg/kg. The greatest TPHg concentration (6,600 mg/kg) was detected at test probe TP14. The ethyl benzene and xylene concentrations ranged up to 20 mg/kg (TP14) and 49 mg/kg (TP14), respectively.

Benzene and toluene were not detected in any soil sample submitted for laboratory analysis.

Groundwater Analytical Results

Nine out of nine groundwater grab samples were analyzed for TPHg and BTEX. In addition, sample TP15 was submitted for TPHg/BTEX, TPHd and TPHo analysis (test probe TP15 was located close to the existing underground hydraulic hoist)[1].

TPHg concentrations in groundwater were detected above cleanup levels at test probes TP11, TP13, and TP14. These elevated concentrations ranged between 1,100 µg/L and 4,100 µg/L. The greatest TPHg concentration (4,100 µg/L) was detected at test probe TP14.

TPHd, TPHo, BTEX were not detected above their respective cleanup Levels in any the nine groundwater grab samples collected during this project.

CONCLUSIONS

Based on the findings, RGI concludes that the nature and extent of soil and groundwater contamination underlying the Property is better defined. Based on the former use of the Property as a gasoline service station, the origin of the petroleum release is from the Property. However, the exact source of the subsurface contamination (or location of where the petroleum release has occurred) on the Property is unknown.

LIMITATIONS

This report is the property of RGI, Mr. Shawn Rahimzadeh of Excellent Choice Auto Sales, and their authorized representatives or affiliates and was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions. This report is intended for specific application to the Marysville Excellent Choice Auto Sales Property located at 9302, 9310, and 9314 State Avenue in Marysville, Washington. No other warranty, expressed or implied, is made.

The analyses and recommendations presented in this report are based upon data obtained from our review of available information at the time of preparing this report, our test pits excavated or test borings drilled on the Property, or other noted data sources. Conditional changes may occur through time by natural or human-made process on this or adjacent properties. Additional changes may occur in legislative standards, which may or may not be applicable to this report. These changes, beyond RGI's control, may render this report invalid, partially or wholly. If variations appear evident, RGI should be requested to reevaluate the recommendations in this report.

[1] The TPHg and BTEX results for sample TP15 were flagged as "hs". The "hs" flag states there was headspace in the sample container and that the sample was decanted from a 500 ml amber, and was not collected using the appropriate sample collection vials (we had run out of these vials by the time we drilled TP15).

Please contact us at (425) 415-0551 if you have any questions or need additional information.

Sincerely,

THE RILEY GROUP, INC.

Stafford Larsen
Project Geologist

Paul D. Riley, LG, LHG
Principal

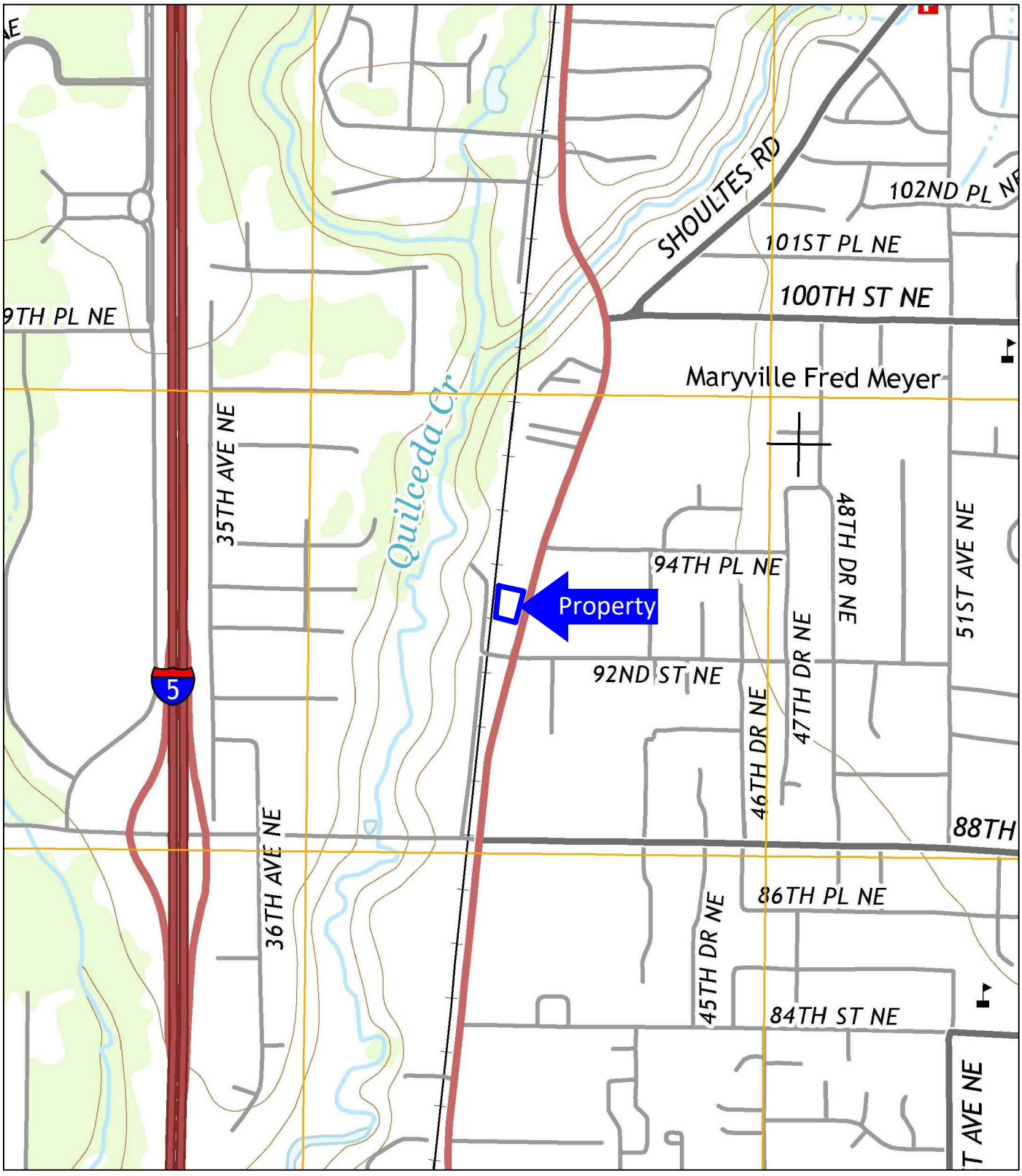
Attachments

Figure 1, Property Vicinity Map
Figure 2, Property Representation with Soil Analytical Results
Figure 3, Property Representation with Groundwater Analytical Results

Table 1, Summary of Soil Sample Analytical Laboratory Results
Table 2, Summary of Groundwater Monitoring Well Sample Laboratory Results
Table 3, Summary of Groundwater Grab Sample Analytical Laboratory Results

Appendix A, Test probe Logs
Appendix B, Analytical Laboratory Reports and Chains of Custody

Report Distribution *Mr. Shawn Rahimzadeh (PDF)*



USGS, 2014, Marysville, Washington
7.5-Minute Quadrangle

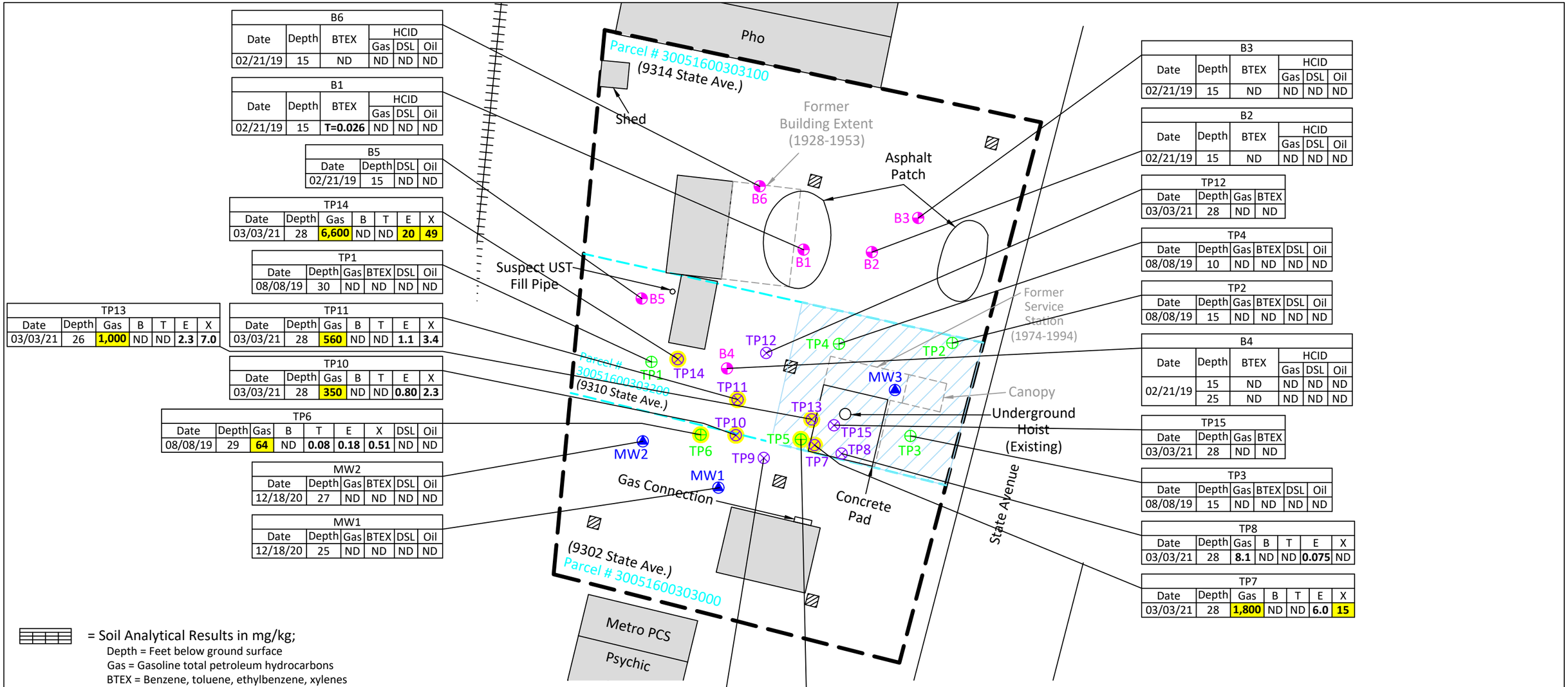
Approximate Scale: 1"=1000'

0 500 1000 2000

N

RILEYGROUP
Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone: 425.415.0551
Fax: 425.415.0311

Marysville Excellent Choice Auto Sales		Figure 1
RGI Project Number 2018-244-2	Property Vicinity Map	Date Drawn: 03/2021
Address: 9302, 9310 & 9314 State Avenue, Marysville Washington 98270		



B6					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	ND	ND	ND	ND

B1					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	**T=0.026**	ND	ND	ND

B5			
Date	Depth	DSL	Oil
02/21/19	15	ND	ND

TP14						
Date	Depth	Gas	B	T	E	X
03/03/21	28	**6,600**	ND	ND	**20**	**49**

TP1					
Date	Depth	Gas	BTEX	DSL	Oil
08/08/19	30	ND	ND	ND	ND

TP13						
Date	Depth	Gas	B	T	E	X
03/03/21	26	**1,000**	ND	ND	**2.3**	**7.0**

TP11						
Date	Depth	Gas	B	T	E	X
03/03/21	28	**560**	ND	ND	**1.1**	**3.4**

TP10						
Date	Depth	Gas	B	T	E	X
03/03/21	28	**350**	ND	ND	**0.80**	**2.3**

TP6								
Date	Depth	Gas	B	T	E	X	DSL	Oil
08/08/19	29	**64**	ND	**0.08**	**0.18**	**0.51**	ND	ND

MW2					
Date	Depth	Gas	BTEX	DSL	Oil
12/18/20	27	ND	ND	ND	ND

MW1					
Date	Depth	Gas	BTEX	DSL	Oil
12/18/20	25	ND	ND	ND	ND

B3					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	ND	ND	ND	ND

B2					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	ND	ND	ND	ND

TP12			
Date	Depth	Gas	BTEX
03/03/21	28	ND	ND

TP4					
Date	Depth	Gas	BTEX	DSL	Oil
08/08/19	10	ND	ND	ND	ND

TP2					
Date	Depth	Gas	BTEX	DSL	Oil
08/08/19	15	ND	ND	ND	ND

B4					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	ND	ND	ND	ND
	25	ND	ND	ND	ND

TP15			
Date	Depth	Gas	BTEX
03/03/21	28	ND	ND

TP3					
Date	Depth	Gas	BTEX	DSL	Oil
08/08/19	15	ND	ND	ND	ND

TP8							
Date	Depth	Gas	B	T	E	X
03/03/21	28	**8.1**	ND	ND	**0.075**	ND

TP7						
Date	Depth	Gas	B	T	E	X
03/03/21	28	**1,800**	ND	ND	**6.0**	**15**

TP9			
Date	Depth	Gas	BTEX
03/03/21	26	ND	ND

TP5															
Date	Depth	Gas	B	T	E	X	DSL	Oil	Naph.	MTBE	Total Metals				
											As	Cd	Cr	Pb	Hg
08/08/19	28	**2,800**	ND	**3.4**	**6.3**	**21**	**63x**	ND	**11.2**	ND	**2.33**	ND	**16.7**	**3.21**	ND

= Soil Analytical Results in mg/kg;

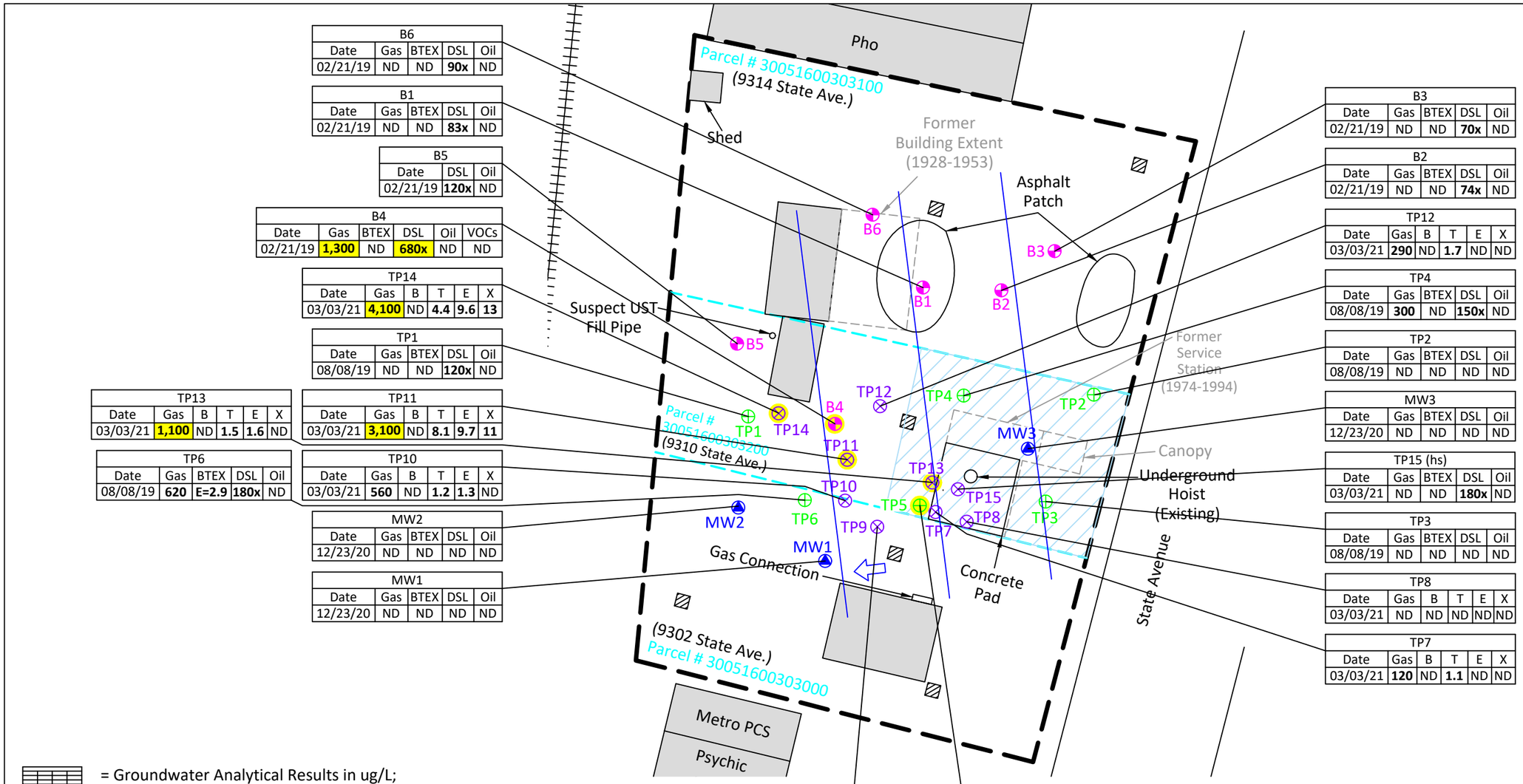
Depth = Feet below ground surface
Gas = Gasoline total petroleum hydrocarbons
BTEX = Benzene, toluene, ethylbenzene, xylenes
DSL/Oil = Diesel/oil total petroleum hydrocarbons
HCID = Hydrocarbon identification
Naph. = Naphthalene
MTBE = Methyl t-butyl ether
As, Cd, Cr, Pb, Hg = Arsenic, cadmium, chromium, lead, mercury
x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation. As noted in previous reports, the analytical chemist reported that the diesel concentrations were an overlap of gasoline.
ND = Not detected above laboratory detection limits
Bold results (if any) indicate concentrations above laboratory detection limits
Bold and highlighted results (if any) indicate concentrations above MTCA Method A Soil Cleanup Levels

= Test probe by RGI, 03/03/21
= Groundwater monitoring well by RGI, 12/18/20
= A geophysical survey was completed on 08/08/19. See full report text for discussion of results.
= Stormwater catch basin
= Test probe by RGI, 08/08/19
= Boring by RGI, 02/21/19
= Property boundary

Approximate Scale: 1"=40'
0 20 40 80
N

RILEYGROUP
Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone: 425.415.0551
Fax: 425.415.0311

Marysville Excellent Choice Auto Sales		Figure 2
RGI Project Number 2018-244-2	Property Representation with Soil Analytical Results	Date Drawn: 03/2021
Address: 9302, 9310 & 9314 State Avenue, Marysville Washington 98270		



B6				
Date	Gas	BTEX	DSL	Oil
02/21/19	ND	ND	**90x**	ND

B1				
Date	Gas	BTEX	DSL	Oil
02/21/19	ND	ND	**83x**	ND

B5		
Date	DSL	Oil
02/21/19	**120x**	ND

B4					
Date	Gas	BTEX	DSL	Oil	VOCs
02/21/19	**1,300**	ND	**680x**	ND	ND

TP14					
Date	Gas	B	T	E	X
03/03/21	**4,100**	ND	**4.4**	**9.6**	**13**

TP1				
Date	Gas	BTEX	DSL	Oil
08/08/19	ND	ND	**120x**	ND

TP13					
Date	Gas	B	T	E	X
03/03/21	**1,100**	ND	**1.5**	**1.6**	ND

TP11					
Date	Gas	B	T	E	X
03/03/21	**3,100**	ND	**8.1**	**9.7**	**11**

TP6				
Date	Gas	BTEX	DSL	Oil
08/08/19	**620**	**E=2.9**	**180x**	ND

TP10					
Date	Gas	B	T	E	X
03/03/21	**560**	ND	**1.2**	**1.3**	ND

MW2				
Date	Gas	BTEX	DSL	Oil
12/23/20	ND	ND	ND	ND

MW1				
Date	Gas	BTEX	DSL	Oil
12/23/20	ND	ND	ND	ND

B3				
Date	Gas	BTEX	DSL	Oil
02/21/19	ND	ND	**70x**	ND

B2				
Date	Gas	BTEX	DSL	Oil
02/21/19	ND	ND	**74x**	ND

TP12					
Date	Gas	B	T	E	X
03/03/21	**290**	ND	**1.7**	ND	ND

TP4				
Date	Gas	BTEX	DSL	Oil
08/08/19	**300**	ND	**150x**	ND

TP2				
Date	Gas	BTEX	DSL	Oil
08/08/19	ND	ND	ND	ND

MW3				
Date	Gas	BTEX	DSL	Oil
12/23/20	ND	ND	ND	ND

TP15 (hs)				
Date	Gas	BTEX	DSL	Oil
03/03/21	ND	ND	**180x**	ND

TP3				
Date	Gas	BTEX	DSL	Oil
08/08/19	ND	ND	ND	ND

TP8					
Date	Gas	B	T	E	X
03/03/21	ND	ND	ND	ND	ND

TP7					
Date	Gas	B	T	E	X
03/03/21	**120**	ND	**1.1**	ND	ND

TP9					
Date	Gas	B	T	E	X
03/03/21	ND	ND	ND	ND	ND

TP5							
Date	Gas	BTEX	DSL	Oil	VOCs	Naph.	Total Lead
08/08/19	**1,900**	ND	**190x**	ND	**H=14**	**1.4**	**2.02**

= Groundwater Analytical Results in ug/L;

Gas/DSL/Oil = Gasoline/diesel/oil total petroleum hydrocarbons
BTEX = Benzene, toluene, ethylbenzene, xylenes
VOCs = Volatile organic compounds
H = Hexane
Naph. = Naphthalene
hs = Headspace was present in the container used for analysis.
x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation. As noted in previous reports, the analytical chemist reported that the diesel concentrations were an overlap of gasoline.
ND = Not detected above laboratory detection limits
Bold results (if any) indicate concentrations above laboratory detection limits
Bold and highlighted results (if any) indicate concentrations above MTCA Method A Groundwater Cleanup Levels

= Test probe by RGI, 03/03/21
= Groundwater monitoring well by RGI, 12/18/20
= A geophysical survey was completed on 08/08/19. See full report text for discussion of results.
= Stormwater catch basin
= Test probe by RGI, 08/08/19
= Boring by RGI, 02/21/19
= Property boundary

Approximate Scale: 1"=40'
0 20 40 80
N

RILEYGROUP
Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone: 425.415.0551
Fax: 425.415.0311

Marysville Excellent Choice Auto Sales | Figure 3

RGI Project Number: 2018-244-2

Property Representation with Groundwater Analytical Results

Date Drawn: 03/2021

Address: 9302, 9310 & 9314 State Avenue, Marysville Washington 98270

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Depth	Sample Date	PID	Gasoline	Diesel TPH	Oil TPH	BTEX				HCID			Naph.	MTBE	Total Metals				
							B	T	E	X	Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
March 2021 Additional Subsurface Investigation																				
TP7-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-27	27	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP7-28	28	03/03/21	153	**1,800**	----	----	ND<1	ND<1	**6.0**	**15**	----	----	----	----	----	----	----	----	----	----
TP7-30	30	03/03/21	0.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-27	27	03/03/21	0.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP8-28	28	03/03/21	18	**8.1**	----	----	ND<0.02	ND<0.02	**0.075**	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP8-30	30	03/03/21	0.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP9-26	26	03/03/21	0.0	ND<5	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP9-30	30	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-26	26	03/03/21	0.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP10-28	28	03/03/21	146	**350**	----	----	ND<0.02 j	ND<0.1	**0.80**	**2.3**	----	----	----	----	----	----	----	----	----	----
TP10-30	30	03/03/21	1.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses				**100/30[1]**	**2,000**		**0.03**	**7**	**6**	**9**	**100/30[1]**	**2,000**		**5**	**0.1**	**20**	**2**	**19/2,000[2]**	**250**	**2**
MTCA Method B TPH Soil Cleanup Level for Direct Contact[3]				**2,588**			----	----	----	----	----	----	----	----	----	----	----	----	----	----

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Depth	Sample Date	PID	Gasoline	Diesel TPH	Oil TPH	BTEX				HCID			Naph.	MTBE	Total Metals				
							B	T	E	X	Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
TP11-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-27	27	03/03/21	0.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP11-28	28	03/03/21	36	**560**	----	----	ND<0.02 j	ND<0.1	**1.1**	**3.4**	----	----	----	----	----	----	----	----	----	----
TP11-30	30	03/03/21	20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-26	26	03/03/21	0.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP12-28	28	03/03/21	0.5	ND<5	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP12-30	30	03/03/21	0.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-23.5	23.5	03/03/21	0.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-26	26	03/03/21	347	**1,000**	----	----	ND<0.4	ND<0.4	**2.3**	**7.0**	----	----	----	----	----	----	----	----	----	----
TP13-27	27	03/03/21	5.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP13-30	30	03/03/21	1.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-7.5	7.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-12.5	12.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-26.5	26.5	03/03/21	0.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP14-28	28	03/03/21	355	**6,600**	----	----	ND<0.4	ND<0.4	**20**	**49**	----	----	----	----	----	----	----	----	----	----
TP14-30	30	03/03/21	1.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-2.5	2.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-5.5	5.5	03/03/21	0.6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-8	8	03/03/21	0.8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-12.5	12.5	03/03/21	0.3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-17.5	17.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses				**100/30[1]**	**2,000**		**0.03**	**7**	**6**	**9**	**100/30[1]**	**2,000**		**5**	**0.1**	**20**	**2**	**19/2,000[2]**	**250**	**2**
MTCA Method B TPH Soil Cleanup Level for Direct Contact[3]				**2,588**			----	----	----	----	----	----	----	----	----	----	----	----	----	----

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Depth	Sample Date	PID	Gasoline	Diesel TPH	Oil TPH	BTEX				HCID			Naph.	MTBE	Total Metals				
							B	T	E	X	Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
TP15-22.5	22.5	03/03/21	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-25.5	25.5	03/03/21	0.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP15-27	27	03/03/21	107	ND<5	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP15-30	30	03/03/21	0.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
December 2020 Monitoring Well Installation																				
MW1-5	5	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW1-10	10	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW1-15	15	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW1-20	20	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW1-25	25	12/18/20	0.0	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
MW1-29	29	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-5	5	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-10	10	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-15	15	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-20	20	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-25	25	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW2-27	27	12/18/20	0.0	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
MW3-5	5	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW3-10	10	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW3-15	15	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW3-20	20	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW3-25	25	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MW3-27	27	12/18/20	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
August 2019 Subsurface Investigation																				
TP1-7	7	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP1-12	12	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP1-19	19	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP1-25	25	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP1-30	30	08/08/19	0.3	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP1-32	32	08/08/19	0.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP2-7	7	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP2-10	10	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP2-15	15	08/08/19	0.1	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP2-20	20	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses				**100/30[1]**	**2,000**		**0.03**	**7**	**6**	**9**	**100/30[1]**	**2,000**		**5**	**0.1**	**20**	**2**	**19/2,000[2]**	**250**	**2**
MTCA Method B TPH Soil Cleanup Level for Direct Contact[3]				**2,588**			----	----	----	----	----	----	----	----	----	----	----	----	----	----

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Depth	Sample Date	PID	Gasoline	Diesel TPH	Oil TPH	BTEX				HCID			Naph.	MTBE	Total Metals				
							B	T	E	X	Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
TP2-25	25	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP2-30	30	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP3-5	5	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP3-10	10	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP3-15	15	08/08/19	0.1	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP3-20	20	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP3-27	27	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-5	5	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-10	10	08/08/19	0.0	ND<5	ND<50	ND<250	ND<0.02	ND<0.02	ND<0.02	ND<0.06	----	----	----	----	----	----	----	----	----	----
TP4-15	15	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-19	19	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-24	24	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP4-29	29	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-5	5	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-10	10	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-14	14	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-19	19	08/08/19	0.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-24	24	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-26	26	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP5-28	28	08/08/19	22.5	**2,800**	**63 x**	ND<250	ND<0.02	**3.4**	**6.3**	**21**	----	----	----	**11.2**	ND<0.386	**2.33**	ND<1	**16.7**	**3.21**	ND<1
TP6-5	5	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-9	9	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-14	14	08/08/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-19	19	08/08/19	0.2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-24	24	08/08/19	0.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-27	27	08/08/19	0.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TP6-29	29	08/08/19	17.6	**64**	ND<50	ND<250	ND<0.02	**0.08**	**0.18**	**0.51**	----	----	----	----	----	----	----	----	----	----
February 2019 Phase II																				
B1-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B1-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B1-15	15	02/21/19	0.0	----	----	----	ND<0.02	**0.026**	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B1-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B1-27	27	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B2-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses				**100/30[1]**	**2,000**		**0.03**	**7**	**6**	**9**	**100/30[1]**	**2,000**		**5**	**0.1**	**20**	**2**	**19/2,000[2]**	**250**	**2**
MTCA Method B TPH Soil Cleanup Level for Direct Contact[3]				**2,588**			----	----	----	----	----	----	----	----	----	----	----	----	----	----

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Depth	Sample Date	PID	Gasoline	Diesel TPH	Oil TPH	BTEX				HCID			Naph.	MTBE	Total Metals				
							B	T	E	X	Gasoline	Diesel	Heavy Oil			As	Cd	Cr	Pb	Hg
B2-15	15	02/21/19	0.0	----	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B2-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B2-25	25	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B2-27	27	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B2-30	30	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B3-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B3-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B3-15	15	02/21/19	0.0	----	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B3-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B3-25	25	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B3-30	30	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-15	15	02/21/19	0.0	----	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B4-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-25	25	02/21/19	0.0	----	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B4-28	28	02/21/19	3.1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B4-30	30	02/21/19	1.9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-15	15	02/21/19	0.0	----	ND<50	ND<250	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-25	25	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B5-28	28	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-5	5	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-15	15	02/21/19	0.0	----	----	----	ND<0.02	ND<0.02	ND<0.02	ND<0.06	ND<20	ND<50	ND<250	----	----	----	----	----	----	----
B6-20	20	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-25	25	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-28	28	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
B6-30	30	02/21/19	0.0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses				**100/30[1]**	**2,000**		**0.03**	**7**	**6**	**9**	**100/30[1]**	**2,000**		**5**	**0.1**	**20**	**2**	**19/2,000[2]**	**250**	**2**
MTCA Method B TPH Soil Cleanup Level for Direct Contact[3]				**2,588**			----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
All results and detection limits are given in milligrams per kilogram (mg/kg); equivalent to parts per million (ppm).
Sample Depth = Soil sample depth interval in feet below ground surface (bgs).

Table 1. Summary of Soil Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Notes continued:

PID = Photoionization detector.

Gasoline TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Gx.

BTEX (benzene, toluene, ethylbenzene, and xylenes) determined using EPA Test Method 8021B.

Diesel and Oil TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Dx.

Gasoline, Diesel, and Oil HCID (hydrocarbon identification) determined using Northwest Test Method NWTPH-HCID.

Naph. (naphthalene) determined using EPA Test Method NWVPH.

MTBE (methyl tert-butyl ether) determined using EPA Test Method NWVPH.

Total Metals (As = Arsenic, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury) determined using EPA Test Method 6020B.

x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation. As noted in previous reports, the analytical chemist reported that the diesel concentrations were an overlap of gasoline.

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

ND = Not detected at noted analytical detection limit.

---- = Not analyzed or not applicable.

Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses (WAC 173-340-900, Table 740-1).

Ecology MTCA Method B TPH Soil Cleanup Level for Direct Contact calculated using site-specific petroleum effective carbon range analytical results and Ecology's "Soil Cleanup Level for TPH Sites Workbook" downloaded September 12, 2019 from Ecology's Cleanup Tools Website. See Appendices for workbook sheets and analytical reports.

[1] The higher cleanup level is allowed if no benzene is present in the gasoline mixture and the total concentration of toluene, ethylbenzene and xylenes is less than 1% of the gasoline mixture.

[2] The higher cleanup level is allowed if no hexavalent chromium (CrVI) is present in the sample.

Bold results indicate concentrations (if any) above laboratory detection limits.

Bold and yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Soil Cleanup Levels.

Table 2. Summary of Groundwater Monitoring Well Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville, Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Date	TOC Elevation	Depth to Water (bgs)	Groundwater Elevation	Gasoline TPH	BTEX				Diesel TPH	Oil TPH
						B	T	E	X		
MW-1 Screened Interval 27-37 ft bgs, Total boring depth 37 ft bgs											
MW1	12/23/20	39.59	27.20	12.39	ND<100	ND<1	ND<1	ND<1	ND<3	ND<50	ND<250
MW-2 Screened Interval 27-37 ft bgs, Total boring depth 37 ft bgs											
MW2	12/23/20	40.28	28.20	12.08	ND<100	ND<1	ND<1	ND<1	ND<3	ND<50	ND<250
MW-3 Screened Interval 20-30 ft bgs, Total boring depth 30 ft bgs											
MW3	12/23/20	39.93	26.70	13.23	ND<100	ND<1	ND<1	ND<1	ND<3	ND<50	ND<250
MTCA Method A Cleanup Levels for Ground Water					**800/1,000[1]**	**5**	**1,000**	**700**	**1,000**	**500**	**500**

Notes:

Samples collected by RGI field staff using a peristaltic pump under low-flow conditions.

Unless otherwise noted, all analytical results are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

TOC = Top of casing elevation in feet. Elevation based on NAVD88 datum.

Gasoline TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Gx.

BTEX (benzene, toluene, ethylbenzene, and xylenes) determined using EPA Test Method 8021B.

Diesel and Oil TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Dx.

ND = Not detected at a concentration above the analytical detection limit.

---- = Not analyzed or not applicable.

Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Cleanup Levels for Ground Water (WAC 173-340-900, Table 720-1).

[1] The higher cleanup level is applicable if no benzene is detected in groundwater.

Bold results indicate concentrations (if any) above laboratory detection limits.

Bold and yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Cleanup Levels for Ground Water.

Table 3. Summary of Groundwater Grab Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244-2

Sample Number	Sample Date	Depth to Water (bgs)	Gasoline TPH	BTEX				Diesel TPH	Oil TPH	MTBE	EDC	EDB	Other VOCs	Naph.	Total Lead
				B	T	E	X								
March 2021 Additional Subsurface Investigation															
TP7	03/03/21	27	**120**	ND<1	**1.1**	ND<1	ND<3	**----**	----	----	----	----	----	----	----
TP8	03/03/21	27	ND<100	ND<1	ND<1	ND<1	ND<3	**----**	----	----	----	----	----	----	----
TP9	03/03/21	26	ND<100	ND<1	ND<1	ND<1	ND<3	**----**	----	----	----	----	----	----	----
TP10	03/03/21	26	**560**	ND<1	**1.2**	**1.3**	ND<3	**----**	----	----	----	----	----	----	----
TP11	03/03/21	27	**3,100**	ND<1	**8.1**	**9.7**	**11**	**----**	----	----	----	----	----	----	----
TP12	03/03/21	26	**290**	ND<1	**1.7**	ND<1	ND<3	**----**	----	----	----	----	----	----	----
TP13	03/03/21	26	**1,100**	ND<1	**1.5**	**1.6**	ND<3	**----**	----	----	----	----	----	----	----
TP14	03/03/21	28	**4,100**	ND<1	**4.4**	**9.6**	**13**	**----**	----	----	----	----	----	----	----
TP15 (hs)	03/03/21	27	**210**	ND<1	ND<1	ND<1	ND<3	**180 x**	ND<400	----	----	----	----	----	----
August 2019 Subsurface Investigation															
TP1-W	08/08/19	31.5	ND<100	ND<1	ND<1	ND<1	ND<3	**120 x**	ND<330	----	----	----	----	----	----
TP2-W	08/08/19	26	ND<100	ND<1	ND<1	ND<1	ND<3	ND<50	ND<250	----	----	----	----	----	----
TP3-W	08/08/19	26	ND<100	ND<1	ND<1	ND<1	ND<3	ND<60	ND<300	----	----	----	----	----	----
TP4-W	08/08/19	27.5	**300**	ND<1	ND<1	ND<1	ND<3	**150 x**	ND<250	----	----	----	----	----	----
TP5-W	08/08/19	27	**1,900**	ND<0.35	ND<1	ND<1	ND<3	**190 x**	ND<330	ND<1	ND<1	ND<1	**Hex = 14**	**1.4**	**2.02**
TP6-W	08/08/19	28	**620**	ND<1	ND<1	**2.9**	ND<3	**180 x**	ND<300	----	----	----	----	----	----
February 2019 Phase II															
B1-W	02/21/19	27	ND<100	ND<1	ND<1	ND<1	ND<3	**83 x**	ND<330	----	----	----	----	----	----
B2-W	02/21/19	27	ND<100	ND<1	ND<1	ND<1	ND<3	**74 x**	ND<330	----	----	----	----	----	----
B3-W	02/21/19	24	ND<100	ND<1	ND<1	ND<1	ND<3	**70 x**	ND<320	----	----	----	----	----	----
B4-W	02/21/19	28	**1,300**	ND<0.35	ND<1	ND<1	ND<3	**680 x**	ND<320	ND<1	ND<1	ND<1	ND	ND<1	----
B5-W	02/21/19	28	----	----	----	----	----	**120 x**	ND<320	----	----	----	----	----	----
B6-W	02/21/19	28	ND<100	ND<1	ND<1	ND<1	ND<3	**90 x**	ND<350	----	----	----	----	----	----
MTCA Method A Cleanup Levels for Ground Water			**800/1,000**[1]	**5**	**1,000**	**700**	**1,000**	**500**	**500**	**20**	**5**	**0.1**	**Hex = 480**	**5**	**15**

Notes:

Samples collected by RGI field staff using a peristaltic pump under low-flow conditions.

Unless otherwise noted, all analytical results are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

Gasoline TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Gx.

BTEX (benzene, toluene, ethylbenzene, and xylenes) determined using EPA Test Method 8021B or 8260C.

Diesel and Oil TPH (total petroleum hydrocarbons) determined using Northwest Test Method NWTPH-Dx .

MTBE (methyl t-butyl ether), EDC (1,2-dichloroethane), EDB (1,2-dibromoethane), Hex (hexane) and other VOCs (volatile organic compounds) determined using EPA Test Method 8260C. Other VOCs not reported in Table 2 were not detected above the laboratory detection limit, see Appendix A for laboratory analytical results.

Note: Petroleum-related VOCs (for example, n-Propylbenzene) are factored into the MTCA Method A TPH Cleanup Levels calculations and were not evaluated separately. MTCA TPH cleanup levels are sufficient for assessing these compounds.

Total lead determined using EPA Test Method 6020B.

ND = Not detected above the noted analytical detection limit.

---- = Not analyzed or not applicable.

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

x = The sample chromatographic pattern does not resemble the fuel standard used for quantitation. As noted in previous reports, the analytical chemist reported that the diesel concentrations were an overlap of gasoline.

Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Cleanup Levels for Ground Water (WAC 173-340-900, Table 720-1).

[1] The higher cleanup level is applicable if no benzene is detected in groundwater.

Bold results indicate concentrations (if any) above laboratory detection limits.

Bold and yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A or Cleanup Levels for Ground Water.

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP7** **Sheet 1 of 2**

Date(s) Drilled: **03/03/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
	0.0			40%			Brown, SAND, moist, no odor, no sheen	
						5		
	0.0			75%			Gray, SAND, moist, no odor, no sheen	
						10		
	0.0			75%				
						15		
	0.0			80%				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

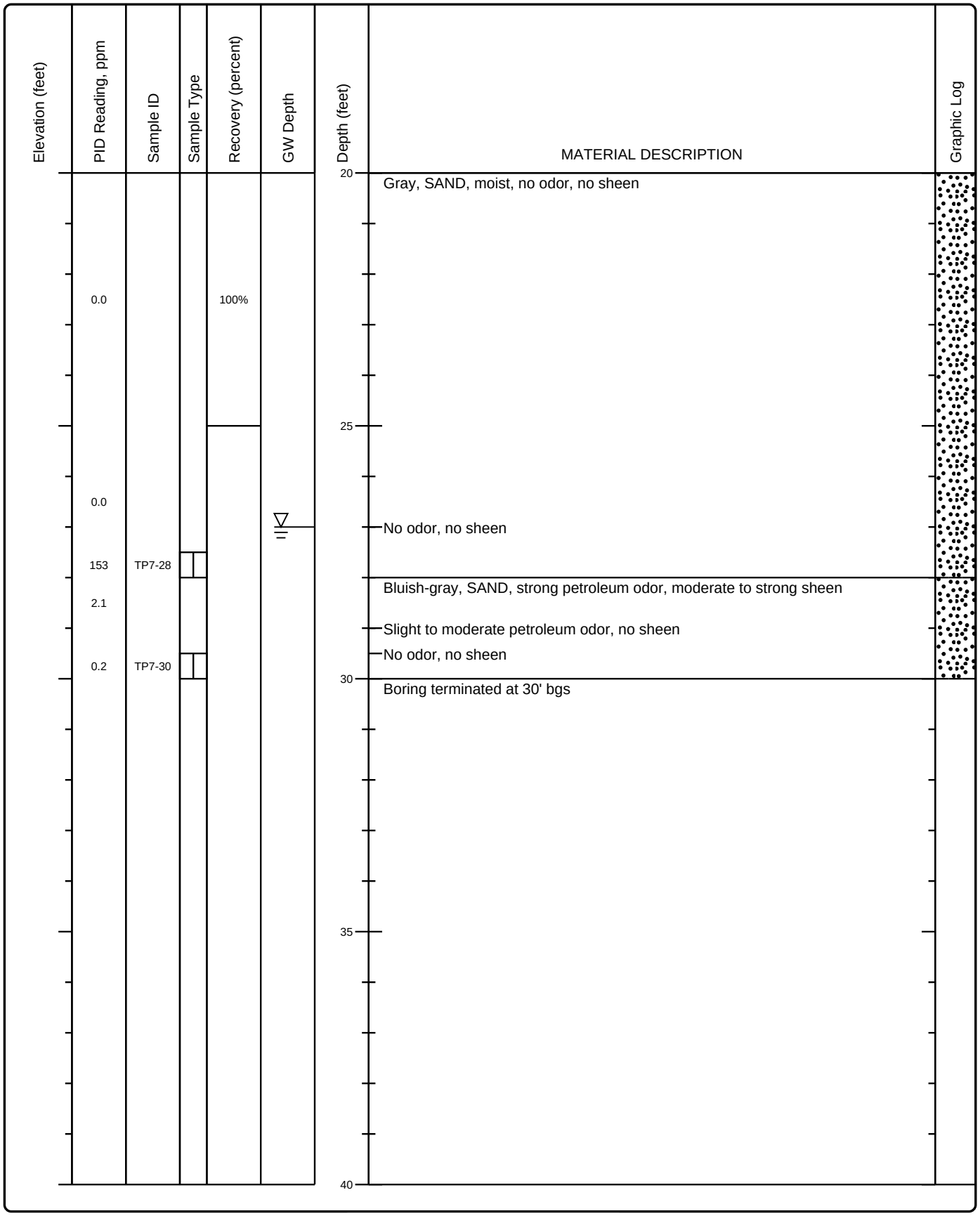
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP7**

Sheet 2 of 2



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP8** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
	0.0			50			Brown, SAND, moist, no odor, no sheen	
						5	Gray, SAND, moist, no odor, no sheen	
	0.0			70				
						10		
	0.0			50				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

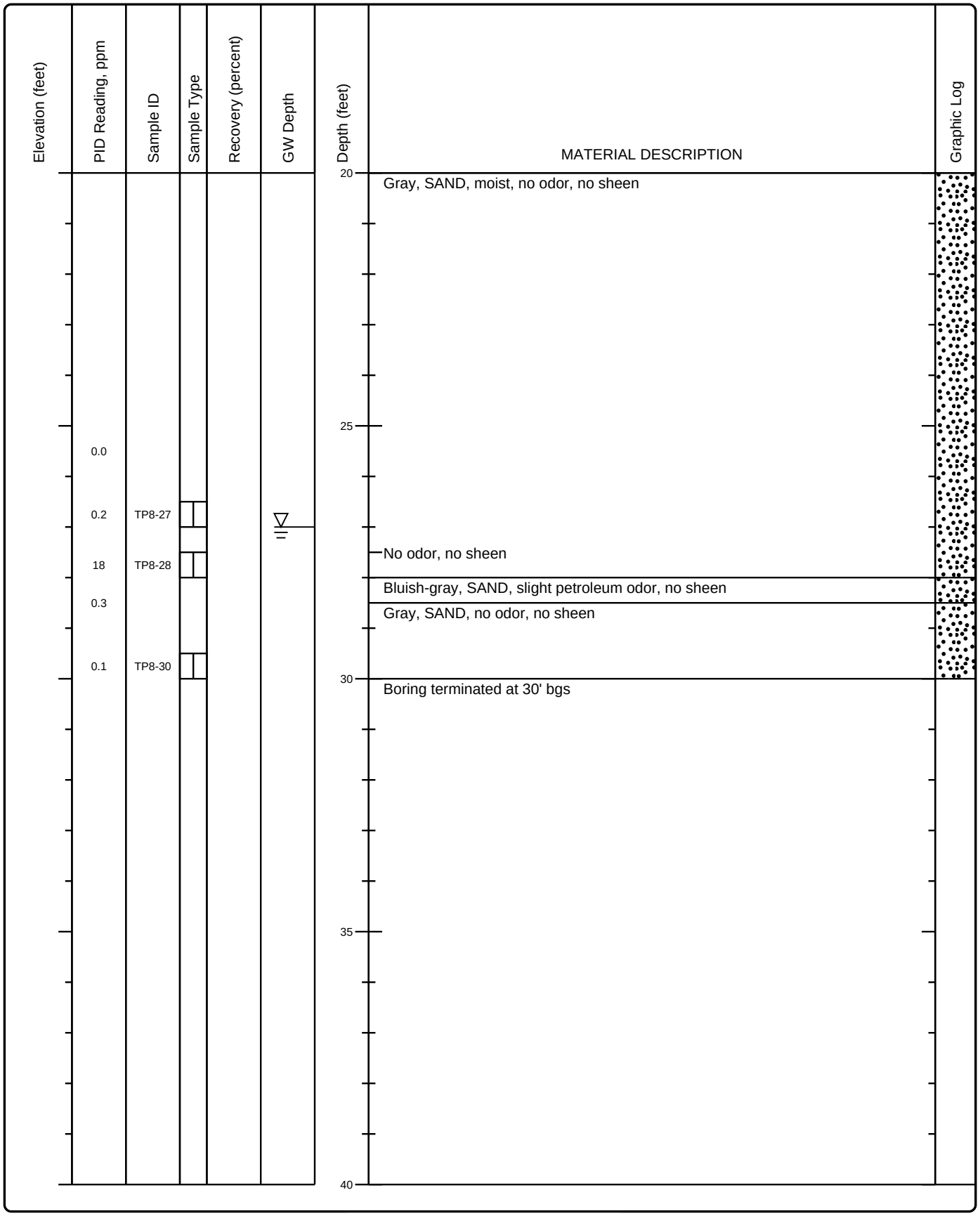
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP8**

Sheet 2 of 2



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP9** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **26' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
	0.0			40			Brown, SAND, moist, no odor, no sheen	
						5	Gray, SAND, moist, no odor, no sheen	
	0.0			60				
						10		
	0.0			60				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

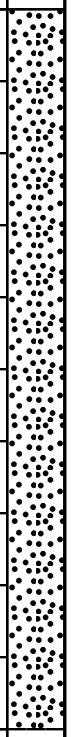
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP9**

Sheet 2 of 2

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						20	Gray, SAND, moist, no odor, no sheen	
	0.0			60				
	0.0	TP9-26			▽	25		
	0.0			80				
	0.0	TP8-30				30	Boring terminated at 30' bgs	
						35		
						40		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP10** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **26' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
							Gray, SAND, moist, no odor, no sheen	
	0.0			50				
						5		
	0.0			60				
						10		
	0.0			60				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

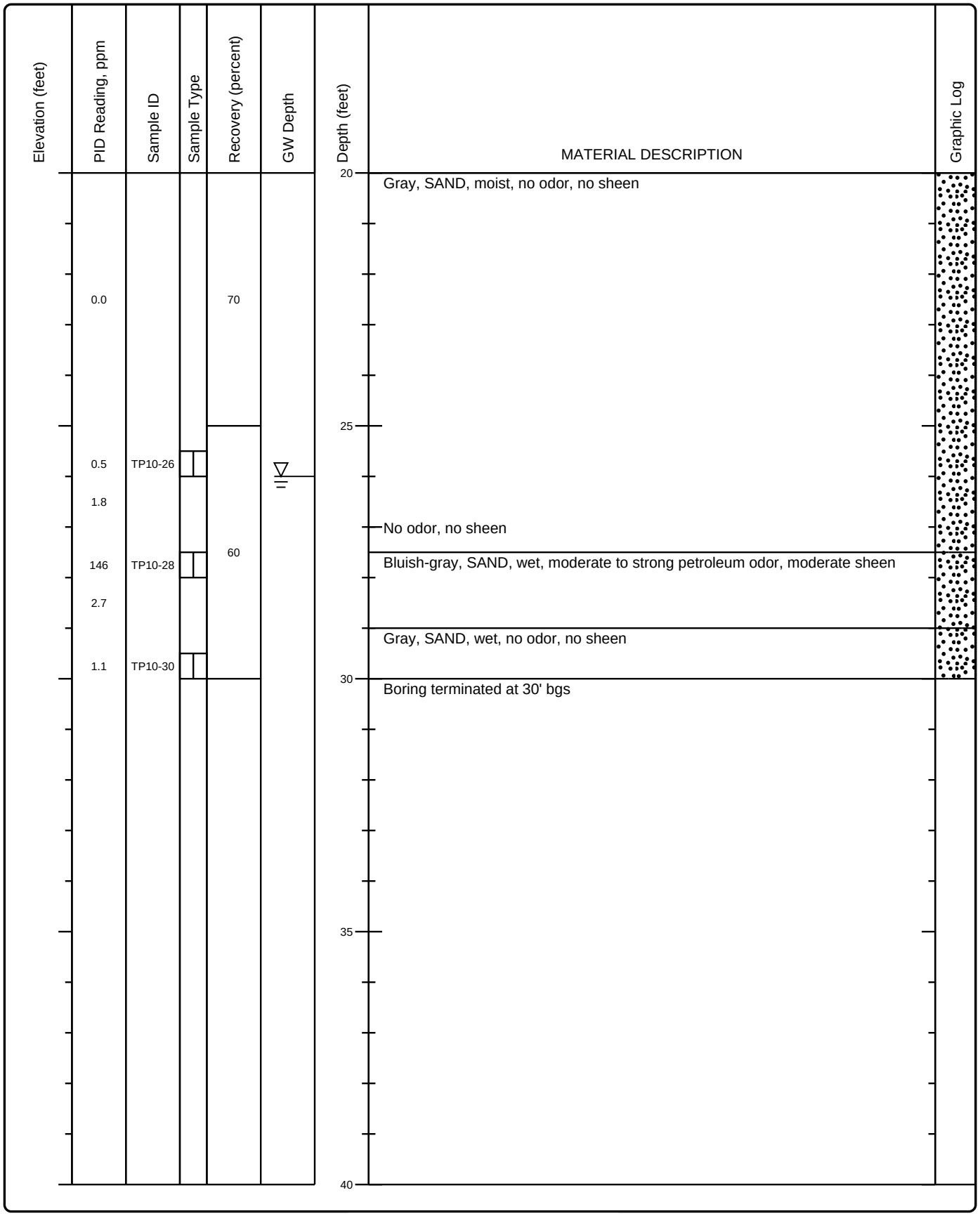
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP10**

Sheet 2 of 2



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP11**

Sheet 1 of 2

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
							Brown, SAND, moist, no odor, no sheen	
	0.0			50				
							Gray, SAND, moist, no odor, no sheen	
	0.0			50		5		
						10		
	0.0			60				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP11**

Sheet 2 of 2

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						20	Gray, SAND, moist, no odor, no sheen	
	0.0			60				
	0.0					25		
	0.3	TP11-27			▽			
	36	TP11-28		100			Bluish-gray, SAND, wet, slight petroleum odor, slight sheen	
	20	TP11-30				30	Boring terminated at 30' bgs	
						35		
						40		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP12** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **26' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
	0.0			20			Brown, SAND, moist, no odor, no sheen	
						5	Gray, SAND, moist, no odor, no sheen	
	0.0			60				
						10		
	0.0			65				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

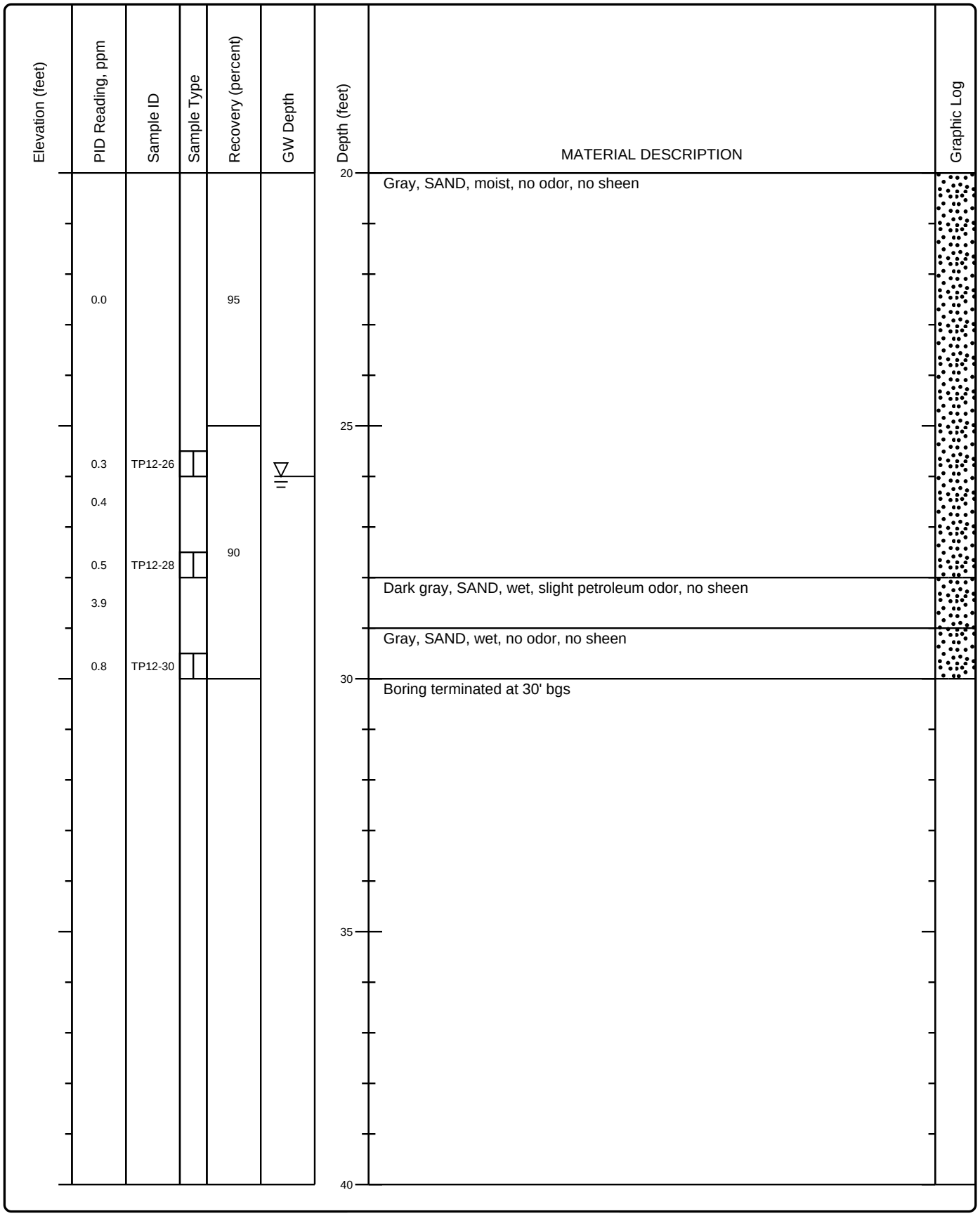
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP12**

Sheet 2 of 2



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP13** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **26' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
							Gray, SAND, moist, no odor, no sheen	
	0.0			40				
						5		
	0.0			50				
						10		
	0.0			60				
						15		
	0.0			60				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

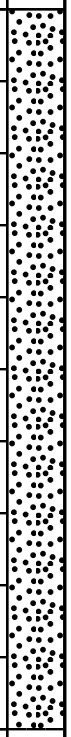
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP13**

Sheet 2 of 2

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
	0.0			70		20	Gray, SAND, moist, no odor, no sheen	
	0.2							
	15					25	No odor, no sheen	
	347	TP13-26			▽		Strong petroleum odor, moderate sheen	
	5.0	TP13-27					No odor, no sheen	
	4.7			90				
	1.5							
	1.2	TP13-30				30	Boring terminated at 30' bgs	
						35		
						40		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244-2** Client: **Excellent Choice Auto Sales**	Test Probe No.: **TP14** **Sheet 1 of 2**

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **28' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Asphalt	
	0.0			50			Brown, SAND, moist, no odor, no sheen	
						5	Gray, SAND, moist, no odor, no sheen	
	0.0			60				
						10		
	0.0			65				
						15		
	0.0			65				
						20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

Test Probe No.: **TP14**

Sheet 2 of 2

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
	0.0			65		20	Gray, SAND, moist, no odor, no sheen	
	0.0					25		
	0.5							
	355	TP14-28		70	▽		Bluish-gray, SAND, strong petroleum odor, moderate sheen	
	3.9						Gray, SAND, wet, no odor, no sheen	
	1.8	TP14-30				30	Boring terminated at 30' bgs	
						35		
						40		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

Test Probe No.: **TP15**

Sheet 1 of 2

Date(s) Drilled: **03/04/2021**	Logged By: **ED**	Surface Conditions: **Concrete**
Drilling Method(s): **Dual-Tube Direct Push**	Drill Bit Size/Type: **2.25" Diameter**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Track-Mounted**	Drilling Contractor: **Standard Probe**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27' bgs**	Sampling Method(s): **Continuous**	Hammer Data : **n/a**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville, Washington 98270**	

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
						0	Concrete	
							Gray, SAND, moist, no odor, no sheen	
	0.0			50				
	0.6					5		
	0.6							
	0.8	TP15-8		50				
	0.7							
	0.5					10		
	0.3							
	0.6							
	0.3			60				
	0.3							
	0.2					15		
	0.1							
				65				
	0.0					20		

The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

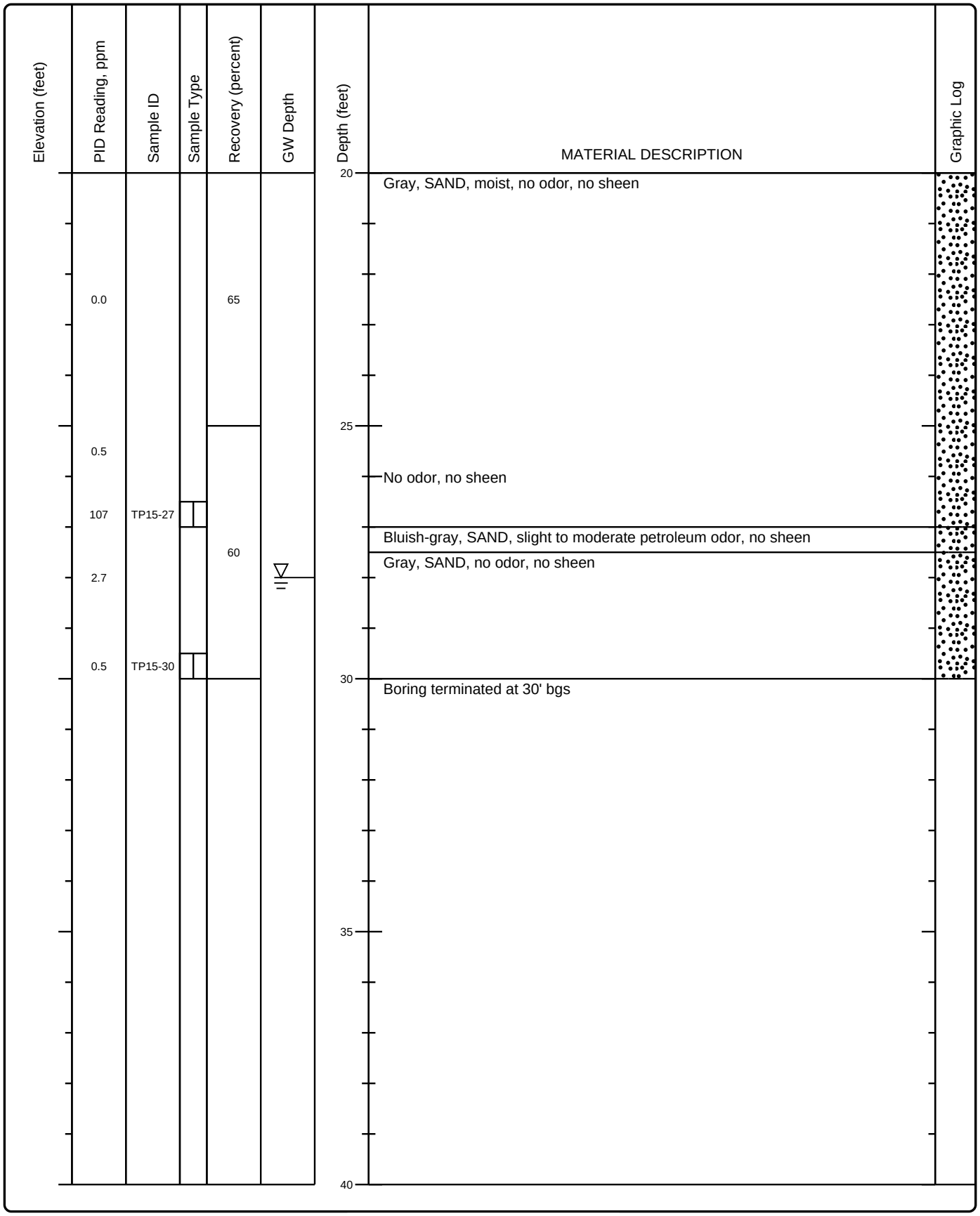
Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Test Probe No.: **TP15**

Sheet 2 of 2



The Riley Group, Inc.
17522 Bothell Way NE, Bothell, WA 98011

Project Name: **Marysville Excellent Choice Auto Sales**

Project Number: **2018-244-2**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring Log Key

Sheet 1 of 1

Elevation (feet)	PID Reading, ppm	Sample ID	Sample Type	Recovery (percent)	GW Depth	Depth (feet)	MATERIAL DESCRIPTION	Graphic Log
1	2	3	4	5	6	7	8	9

COLUMN DESCRIPTIONS

1 Elevation (feet): Elevation (MSL, feet).
2 PID Reading, ppm: The reading from a photo-ionization detector, in parts per million.
3 Sample ID: Sample identification number.
4 Sample Type: Type of soil sample collected at the depth interval shown.
5 Recovery (percent): Percent Recovery
6 GW Depth: Groundwater depth in feet below the ground surface.
7 Depth (feet): Depth in feet below the ground surface.
8 MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
9 Graphic Log: Graphic depiction of the subsurface material encountered.

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity
COMP: Compaction test
CONS: One-dimensional consolidation test
LL: Liquid Limit, percent
PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS

Asphaltic Concrete (AC)
Portland Cement Concrete
Poorly graded SAND (SP)

TYPICAL SAMPLER GRAPHIC SYMBOLS

Auger sampler
Bulk Sample
3-inch-OD California w/ brass rings
CME Sampler
Grab Sample
2.5-inch-OD Modified California w/ brass liners
Pitcher Sample
2-inch-OD unlined split spoon (SPT)
Shelby Tube (Thin-walled, fixed head)

OTHER GRAPHIC SYMBOLS

Water level (at time of drilling, ATD)
Water level (after waiting)
Minor change in material properties within a stratum
Inferred/gradational contact between strata
Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 11, 2021

Paul Riley, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Mr Riley:

Included are the results from the testing of material submitted on March 4, 2021 from the Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084 project. There are 9 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 have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Stafford Larsen, Eric Dunham
TRG0311R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 4, 2020 by Friedman & Bruya, Inc. from the The Riley Group Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
103084 -01	TP7
103084 -02	TP8
103084 -03	TP9
103084 -04	TP10
103084 -05	TP11
103084 -06	TP12
103084 -07	TP13
103084 -08	TP14
103084 -09	TP15
103084 -10	TP7-27
103084 -11	TP7-28
103084 -12	TP7-30
103084 -13	TP8-27
103084 -14	TP8-28
103084 -15	TP8-30
103084 -16	TP9-26
103084 -17	TP9-30
103084 -18	TP10-26
103084 -19	TP10-28
103084 -20	TP10-30
103084 -21	TP11-27
103084 -22	TP11-28
103084 -23	TP11-30
103084 -24	TP12-26
103084 -25	TP12-28
103084 -26	TP12-30
103084 -27	TP13-26
103084 -28	TP13-27
103084 -29	TP13-30
103084 -30	TP14-28
103084 -31	TP14-30
103084 -32	TP15-8
103084 -33	TP15-27
103084 -34	TP15-30
103084 -35	TP8-10
103084 -36	TP8-27

CASE NARRATIVE (continued)

The NWTPH-Gx/8021B sample TP15 was decanted from a 500 ml amber. The data were flagged accordingly.

All other quality control requirements were acceptable.

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084
Date Extracted: 03/08/21
Date Analyzed: 03/09/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP7-28 103084-11 1/50	<1	<1	6.0	15	1,800	96
TP8-28 103084-14	<0.02	<0.02	0.075	<0.06	8.1	94
TP9-26 103084-16	<0.02	<0.02	<0.02	<0.06	<5	93
TP10-28 103084-19 1/5	<0.02 j	<0.1	0.80	2.3	350	99
TP11-28 103084-22 1/5	<0.02 j	<0.1	1.1	3.4	560	89
TP12-28 103084-25	<0.02	<0.02	<0.02	<0.06	<5	93
TP13-26 103084-27 1/20	<0.4	<0.4	2.3	7.0	1,000	100
TP14-28 103084-30 1/20	<0.4	<0.4	20	49	6,600	132
TP15-27 103084-33	<0.02	<0.02	<0.02	<0.06	<5	96
Method Blank 01-364 MB	<0.02	<0.02	<0.02	<0.06	<5	94

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084
Date Extracted: 03/09/21
Date Analyzed: 03/09/21

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
TP7 103084-01	<1	1.1	<1	<3	120	73
TP8 103084-02	<1	<1	<1	<3	<100	73
TP9 103084-03	<1	<1	<1	<3	<100	72
TP10 103084-04	<1	1.2	1.3	<3	560	73
TP11 103084-05	<1	8.1	9.7	11	3,100	81
TP12 103084-06	<1	1.7	<1	<3	290	70
TP13 103084-07	<1	1.5	1.6	<3	1,100	73
TP14 103084-08	<1	4.4	9.6	13	4,100	83
TP15 hs 103084-09	<1	<1	<1	<3	210	73
Method Blank 01-365 MB	<1	<1	<1	<3	<100	72

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084
Date Extracted: 03/05/21
Date Analyzed: 03/05/21

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 41-152)
TP15 103084-09 1/1.6	180 x	<400	82
Method Blank 01-538 MB	<50	<250	86

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 103042-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	98	69-120
Toluene	mg/kg (ppm)	0.5	100	70-117
Ethylbenzene	mg/kg (ppm)	0.5	100	65-123
Xylenes	mg/kg (ppm)	1.5	100	66-120
Gasoline	mg/kg (ppm)	20	90	71-131

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 103123-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	100	65-118
Toluene	ug/L (ppb)	50	94	72-122
Ethylbenzene	ug/L (ppb)	50	92	73-126
Xylenes	ug/L (ppb)	150	90	74-118
Gasoline	ug/L (ppb)	1,000	104	69-134

Date of Report: 03/11/21
Date Received: 03/04/21
Project: Marysville Excellent Choice Auto Sales 2018-244-2, F&BI 103084

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	84	96	63-142	13

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.

103084

SAMPLE CHAIN OF CUSTODY

ME 03/04/21

E04/V52/A03/4 vw4

Page # 1 of 4

Report To Paul Riley

Company Riley Group

Address

City, State, ZIP

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: Marysville Excellent Choice Auto Sales

PO #: 2018-244-2

REMARKS: cc: slarsen & edunham

Project Specific RLs - Yes / No

INVOICE TO

TURNAROUND TIME
✓ Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP7	01 A-H	3/3	0945	W	8		X	X								X-per PR 3/4/21 ME
TP8	02 A-D		1111		4		X	X								
TP9	03		1230				X	X								Ⓨ per PR 3/5/21 ME
TP10	04		1320				X	X								
TP11	05		1410				X	X								
TP12	06		1445				X	X								
TP13	07		1600				X	X								
TP14	08		1700		↓		X	X								
TP15	09		1800	↓	1	Ⓧ	X	X								only 1 0.5 liter
TP7-27	10 A-E	↓	0925	S	5											

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Eric Dunham	RGI	3/4	0926
Received by:	Fedex	Fedex		09:27
Relinquished by:		Samples received at 4 °C		
Received by:	Nhan Phan	FCBT	3/4/21	1040

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

103084
[redacted]

SAMPLE CHAIN OF CUSTODY ME 03/04/21 E04/VS2/A03/VW4

Page # 2 of 4

Report To: Riley Group
Company: Paul Riley
Address:
City, State, ZIP:
Phone: Email:

SAMPLERS (*signature*) E DC [redacted]

PROJECT NAME: Marysville Excellent Chance Auto Sales

PO #: 2018-244-2

REMARKS: cc: slarsen & edunham

INVOICE TO:

Project Specific RLs - Yes / No

TURNAROUND TIME
✓ Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

						ANALYSES REQUESTED											
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
TP7-28	11 A-E	3/3	0930	5	5		X	X									
TP7-30	12	↓	0935	↓	↓												
TP8-27	13	↓	1105	↓	↓												
TP8-28	14	↓	1035	↓	↓		X	X									
TP8-30	15	↓	1100	↓	↓												
TP9-26	16	↓	1200	↓	↓		X	X									
TP9-30	17	↓	1215 (initialed)	↓	↓												
TP10-26	18	↓	1205 (initialed)	↓	↓												
TP10-28	19	↓	1300	↓	↓		X	X									
TP10-30	20	↓	1210	↓	↓												

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: E DC	Eric Dunham	RGI	3/4	0926
Received by: [signature]	Nhan Phan	FeBI	3/4/21	1040
Relinquished by:				
Received by:		Samples received at 4 °C		

103084

SAMPLE CHAIN OF CUSTODY

ME 03/04/21 E04/052/A23/VWY4

Page # 3 of 4

Report To Paul Riley

Company Riley Group

Address

City, State, ZIP

Phone Email

SAMPLERS (signature) E DL

PROJECT NAME: Marysville Excellent Choice Auto Sales

PO #: 2018-2442

REMARKS: cc: slarson & edunham

Project Specific RLs - Yes / No

INVOICE TO

TURNAROUND TIME
✓ Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
TP11-27	21 A-E	3/3	1350	S	5											
TP11-28	22		1345				X	X								
TP11-30	23		1355													
TP12-26	24		1420													
TP12-28	25		1415				X	X								voas label TP 12-29 (UP)
TP12-30	26		1430													
TP13-26	27		1515				X	X								
TP13-27	28		1500													
TP13-30	29		1538													
TP14-28	30	↓	1615	↓	↓		X	X								

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: E DL	Eric Dunham	RGF	3/4	0926
Received by:	Nhan Pham	FEBI	3/4/21	1040
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

?

103084

SAMPLE CHAIN OF CUSTODY

ME 03/04/21 E04/VS2/A03/VN4

Page # 4 of 4

Report To Paul Riley

Company Riley Group

Address

City, State, ZIP

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: Marysville Excellent Chevron Auto Sales

PO # 2018-244-2

REMARKS: cc: slarsen & edunham

Project Specific RLs - Yes / No

INVOICE TO

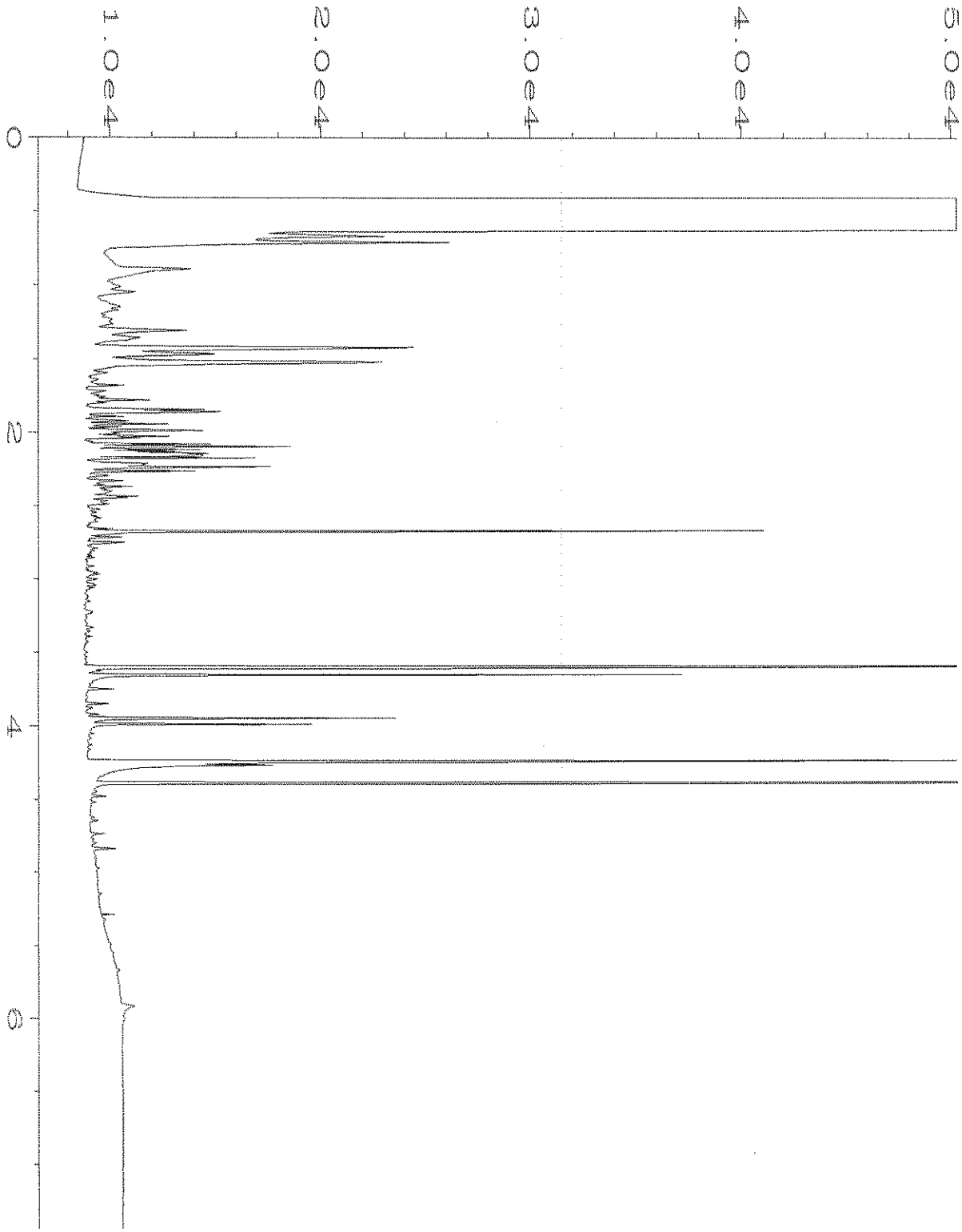
TURNAROUND TIME
✓ Standard Turnaround
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

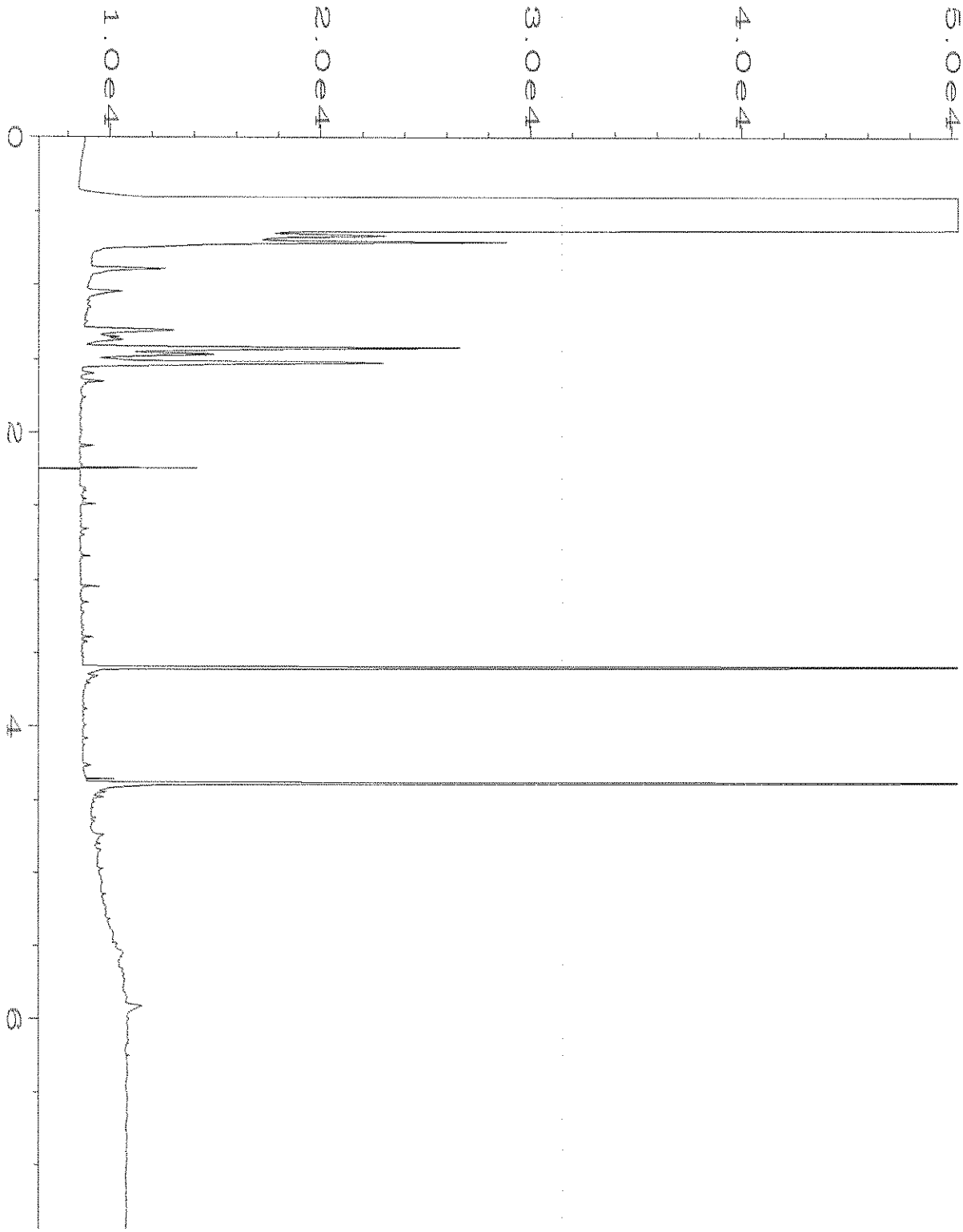
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082						Notes
TP14-30	31 AE	3/3	1630	S	5												
TP15-8	32		1715														
TP15-27	33		1730				X	X									
TP15-30	34		1745														
TP8-10	35	3/3	10:00	S	5												Added at lab ✓ ✓
TP8-27	36		10:30	S	5												(DP) 3/4/21

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Eric Dunham	RGI	3/4	0930
Received by:	Nham Pham	FEBJ	3/4/21	1040
Relinquished by:				
Received by:		Samples received at 4 °C		

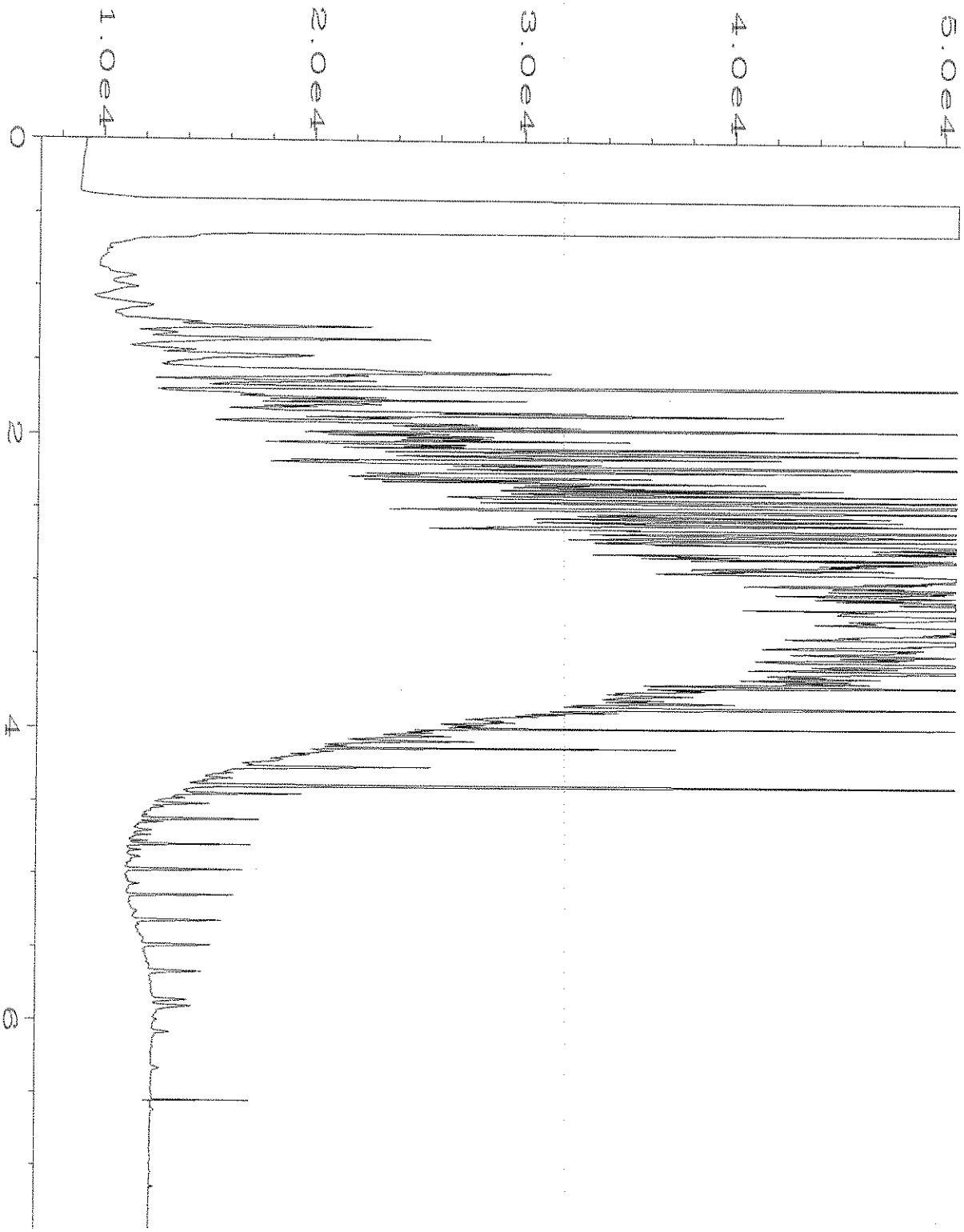
Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282



Data File Name	: C:\HPCHEM\1\DATA\03-05-21\029F0301.D		
Operator	: TL	Page Number	: 1
Instrument	: GC1	Vial Number	: 29
Sample Name	: 103084-09	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 3
Acquired on	: 05 Mar 21 01:53 PM	Instrument Method	: DX.MTH
Report Created on	: 08 Mar 21 07:58 AM	Analysis Method	: DX.MTH



Data File Name	: C:\HPCHEM\1\DATA\03-05-21\026F0301.D		
Operator	: TL	Page Number	: 1
Instrument	: GC1	Vial Number	: 26
Sample Name	: 01-538 mb	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 3
Acquired on	: 05 Mar 21 01:18 PM	Instrument Method	: DX.MTH
Report Created on	: 08 Mar 21 07:58 AM	Analysis Method	: DX.MTH



Data File Name : C:\HPCHEM\1\DATA\03-05-21\003F0201.D
Operator : TL
Instrument : GC1
Sample Name : 500 Dx 61-146D
Run Time Bar Code:
Acquired on : 05 Mar 21 06:53 AM
Report Created on: 08 Mar 21 07:57 AM

Page Number : 1
Vial Number : 3
Injection Number : 1
Sequence Line : 2
Instrument Method: DX.MTH
Analysis Method : DX.MTH