March 21, 2019

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

RE: Preliminary Phase II Subsurface Investigation
Marysville Excellent Choice Auto Sales
9302, 9310, and 9314 State Avenue
Marysville, Washington 98270
RGI Project No. 2018-244A

Dear Mr. Rahimzadeh:

The Riley Group, Inc. (RGI) has conducted a preliminary Phase II Subsurface Investigation (Phase II 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 Phase II 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 *Phase II Subsurface Investigation Proposal* (PRP2018-408A) dated December 24, 2018 and approved by the Client on February 6, 2019.

PROJECT BACKGROUND

RGI completed a Phase I Environmental Site Assessment (ESA), on behalf of Excellent Choice Auto Sales, dated December 12, 2018 (RGI project number 2018-244). Based on its findings, the following recognized environmental conditions (RECs) were identified:

- **Historical Gasoline Service Station:** A gasoline fueling and automotive repair station occupied the Property between approximately 1974 and 1994 (20 years). The historical use, handling, storage, and disposal of petroleum products, solvents, and other wastes typically associated with this gasoline fueling and service station was unknown. Assessor records indicate that one hoist, three pump islands, two approximately 550 underground storage tanks (USTs), and one approximately 2,000 gallon UST were utilized on the middle parcel of the Property (parcel no. 30051600303200). The status (abandoned, removed, or closed-in-place) of the USTs associated with the service station was unknown. Soil and groundwater quality in the vicinity of the former and/or abandoned USTs at the Property was unknown. The historical gasoline service station was considered a REC.
- **Historical Oil Burner**: Historical records indicate that the middle building on the Property was previously heated by an oil burner. The type of fuel storage for this oil burner (AST or UST) was not identified. The potential of a heating oil UST on the Property was considered a REC.

RGI recommended conducting a geophysical survey in an effort to locate any abandoned, decommissioned, or former UST location(s) at the Property. If a UST was identified during the geophysical survey, RGI recommended it be properly decommissioned and removed in accordance with the applicable city, country, and/or state requirements. In addition, RGI recommended a Preliminary Phase II Subsurface Investigation be performed to evaluate soil and shallow groundwater quality.

The project objective was to help evaluate the soil and shallow groundwater on the Property in relation to the above mentioned RECs. Based on surface topography, sloping downwards to the west, the inferred shallow groundwater flow direction is towards the west.

POTENTIAL CONTAMINANTS OF CONCERN

Based on Phase I ESA findings, the following preliminary potential contaminants of concern (PCOCs) in soil and/or groundwater were identified for the Property as follows:

- Diesel- and oil-range Total Petroleum Hydrocarbons (TPHd and TPHo)
- Gasoline-range Total Petroleum Hydrocarbons (TPHg)
- Volatile Organic Compounds (VOCs) including Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)

The soil and groundwater screening levels for the PCOCs are obtained from 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 WAC.

SCOPE OF SERVICES

The scope of work for this project was performed in general accordance with our proposal, dated December 24, 2018 and 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.
- Performed a geophysical survey in an attempt to locate any USTs on the Property, primarily in the vicinity of the suspect vent pipe located just west of the middle parcel building.
- Advanced six (6) direct-push test probes in suspect areas at the Property (B1 through B6), to a maximum depth of 30 feet below ground surface (bgs).
- Submitted select soil and groundwater samples for laboratory analysis of the PCOCs.
- 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 (WAC 173-340).
- Prepared this report presenting our findings, observations, conclusions, and recommendations.

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*, summarized in the attached Tables 1 and 2, respectively.

PRELIMINARY PHASE II SUBSURFACE INVESTIGATION

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 boring locations. A possible UST vent pipe was observed west of the middle building during the Phase I inspection; however, the locator was unable to verify an abandoned heating oil UST was actually present.

BORING INSTALLATION

On February 21, 2019, RGI advanced six test probes (B1 through B6) with a maximum depth of approximately 30 feet bgs. Test probes were advanced using a Geoprobe 7730DT direct push drill rig.

During RGI's subsurface investigation, a total of 38 discrete soil samples were collected for potential laboratory analysis.

SUBSURFACE CONDITIONS

Soil conditions encountered were described using the Unified Soil Classification System (USCS). Subsurface soils encountered during drilling consisted of fine to medium sand. Groundwater was encountered during drilling from approximately 24 to 28 feet bgs in each of the borings advanced. RGI's boring logs are included in Appendix A for reference.

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 test certificates, including quality control, data, and chain-of-custody documentation for all samples submitted to the analytical testing laboratory by RGI as part of this preliminary Phase II investigation are included in Appendix B. All test probes were abandoned using hydrated bentonite chips and ready-mix asphalt to match existing pavement.

SOIL SAMPLING

During all drilling activities, soil samples were collected, inspected, and classified by RGI's field geologist. Discrete soil samples were collected at approximately 2.5- to 5-foot sampling depth intervals (except in cases where there was too little recovery) from each test probe and field screened for the presence of volatile organic compounds (VOCs) using a portable gas photoionization detector (PID) and/or water sheen test.

Slightly elevated PID readings and slight petroleum-like odor was noted at approximately 28 to 30 feet bgs in B4. Otherwise, odors, sheens, discolorations, or other evidence of contamination were not observed. Test probe logs are included in Appendix A.

GROUNDWATER SAMPLING

A total of six discrete groundwater grab samples were collected by RGI during this investigation, one from each test probe location.

Prior to sample collection, groundwater was purged from the temporary groundwater wells using a peristaltic pump that was inserted through 0.75-inch diameter temporary PVC wells. A minimum of three well volumes were purged from each temporary well prior to sample collection or until the water ran clean, whichever came first. No petroleum hydrocarbon sheen was observed during well purging and/or groundwater grab sample collection, with the exception of B4, which had a slight sheen and odor during purging and sampling.

Groundwater grab samples were collected from the temporary groundwater wells using a peristaltic pump and dedicated, disposal polyethylene tubing inserted through the temporary wells. The groundwater grab samples were submitted for laboratory analysis as outlined below.

Shallow groundwater grab samples collected from the temporary wells may not be representative of groundwater conditions or quality. To obtain samples that are definitively representative of shallow groundwater, the installation, development, and sampling of shallow groundwater from permanent monitoring wells would need to be installed at the Property. The objectives of this investigation was to determine if groundwater had been impacted by the PCOCs. Groundwater sampling satisfied these project objectives and provided useful information regarding subsurface conditions at the Property.

ANALYTICAL LABORATORY ANALYSIS

Seven out of thirty-eight discrete soil samples, and all 6 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:

- Hydrocarbon identification – gasoline, diesel, and heavy oil using Test Method NWTPH-HCID
- Gasoline-range TPH using Northwest Test Method NWTPH-Gx

- Diesel- and oil-range TPH using Northwest Method NWTPH-Dx
- VOCs using EPA Test Method 8260C
- BTEX using EPA Test Method 8021B

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

Six soil samples were submitted for HCID analysis. These selected samples ranged from depths of 15 feet to 25 feet bgs. TPH (as gasoline, diesel, and oil) was not detected above their respective laboratory detection limit in the six samples analyzed. In addition, soil sample B5-15 was submitted for TPHd and TPHo analysis. Analytical results indicate that TPHd and TPHo in sample B5-15 was not detected above their respective laboratory detection limits.

Six soil samples were submitted for BTEX analysis. BTEX was not detected above the laboratory detection limit in all six samples, with the exception of soil sample B1-15. Soil sample B1-15 detected toluene at a concentration of 0.026 miligrams per kilogram (mg/kg), below the applicable cleanup level of 7mg/kg for toluene.

Groundwater Analytical Results

Four groundwater grab samples, B1-W, B2-W, B3-W, and B6-W, were submitted for BTEX analysis. A fifth groundwater sample, B4-W, was submitted for VOC analysis which includes BTEX compounds. BTEX was not detected above their respective laboratory detection limits in all five samples. Other VOCs were not detected above their respective laboratory detection limits, or were well below their applicable cleanup levels, in sample B4-W.

Five groundwater grab samples were submitted for TPHg analysis. TPHg was not detected above the laboratory detection limits in all five samples, with the exception of sample B4-W. Analytical results for sample B4-W reported a TPHg concentration of 1,300 µg/L, which exceeds the MTCA Method A Cleanup Level of 1,000 µg/L for TPHg. Groundwater sample B4-W was collected inferred downgradient of the former gasoline service station.

Six groundwater grab samples were submitted for TPHo analysis. TPHo was not detected above the laboratory detection limit in all six samples.

Six groundwater grab samples were submitted for TPHd analysis. Analytical results indicate TPHd at a concentration above the laboratory detection limit but below the applicable cleanup level in all six of the samples with the exception of B4-W. Analytical results for sample B4-W reported a TPHd concentration of 680 µg/L x, which exceeds the MTCA Method A Cleanup Level of 500 µg/L for TPHd. Groundwater sample B4-W was collected inferred downgradient of the former gasoline service station.

The above-referenced TPHd concentrations were all flagged "x" by the laboratory chemist, which stated "*the sample chromatographic pattern does not resemble the fuel standard used for quantitation".* In other words, the reported concentrations may be the result of naturally occurring biogenic material and/or a highly degraded petroleum hydrocarbon.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this preliminary Phase II investigation RGI concludes the following:

- Analytical results for all soil samples demonstrated that the PCOCs were not detected above their respective MTCA Method A Cleanup Levels.
- Analytical results for groundwater grab sample B4-W indicated a TPHg concentration of 1,300 µg/L, and a TPHd concentration of 680 µg/L x, which exceed their respective MTCA Method A Cleanup Levels of 1,000 µg/L and 500 µg/L.
- Groundwater (and presumably soils) is impacted by an apparent release from the former gasoline service station operation and related improvements (for example, USTs, product piping, ecetera) and appears to extend beneath the Property to the west of the gasoline fueling and automotive repair station.

Based on the findings of this preliminary Phase II investigation, RGI recommends the following:

- Additional subsurface investigation to better define the nature and extent of contamination in the vicinity of the former gasoline service station [or conduct a Remedial Investigation and Feasibility Study (RI/FS) in accordance WAC 173-340]. Once the nature and extent of contaminmation is defined, evaluate feasible cleanup options associated with the Property.
- The discovery of contamination during this preliminary Phase II subsurface investigation requires reporting the known release to Ecology as promulgated under WAC 173-340-300. Under WAC 173-340-300, the owner or operator of the Property shall report such information regarding this encountered contamination to Ecology within 90 days of discovery. The release report can be made by contacting the Ecology Northwest Regional Office at (425) 649-7229 and by mailing a copy of this report to the Ecology Northwest Regional office located at 3190 160th Avenue SE, Bellevue, Washington 98008-5452. On written request, RGI can contact, or submit a copy of this report to, Ecology on behalf of the Property Owner.

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.

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

Audrey R. Heisey, LHG
Senior Environmental Manager

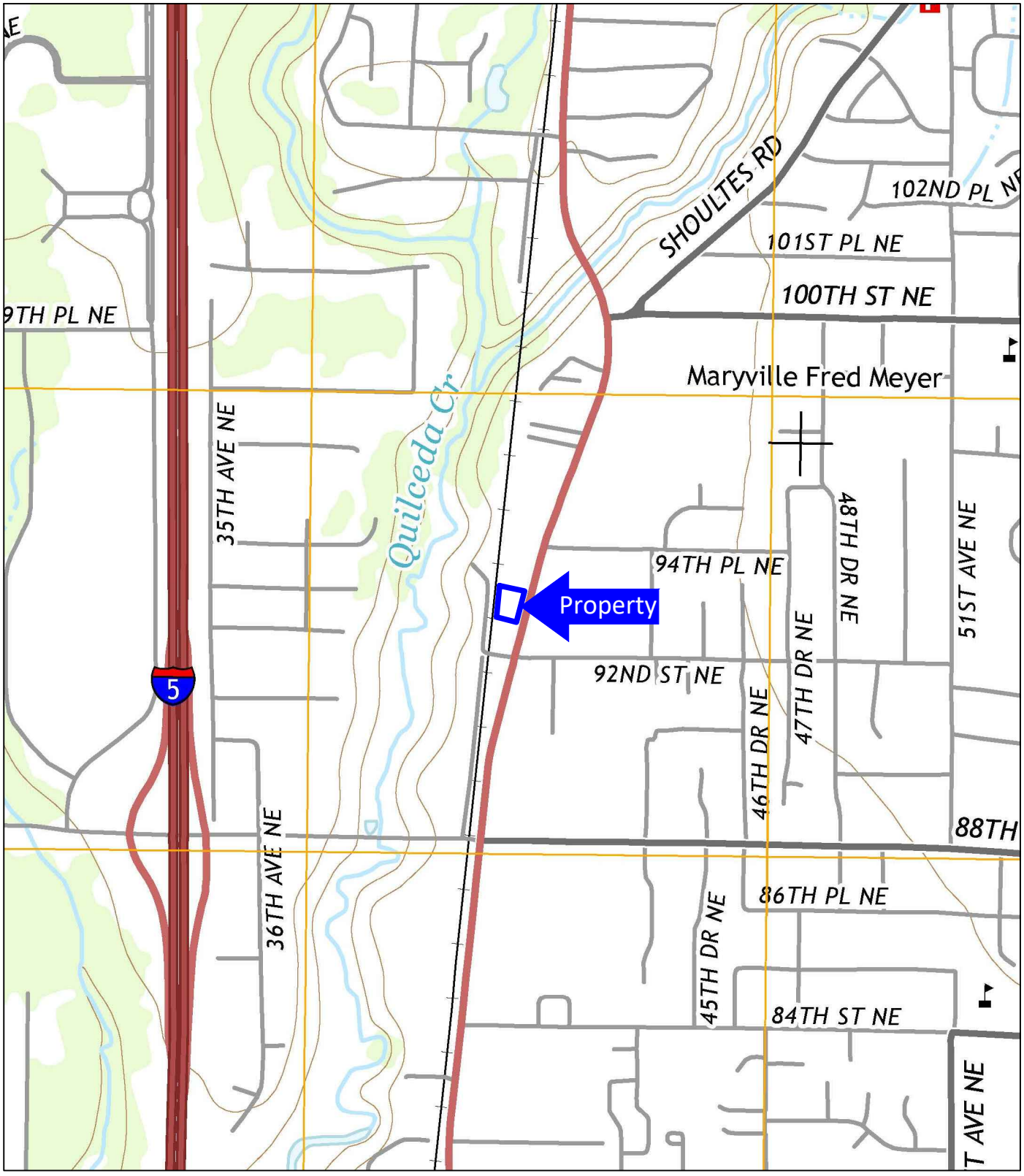
Attachments

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 Grab Sample Analytical Laboratory Results

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

Report Distribution *Mr. Shawn Rahimzadeh (one electronic PDF)*



USGS, 2014, Marysville, Washington
7.5-Minute Quadrangle

Approximate Scale: 1"=1000'

0 500 1000 2000

N

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 2018-244A	Property Vicinity Map	Date Drawn: 03/2019
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

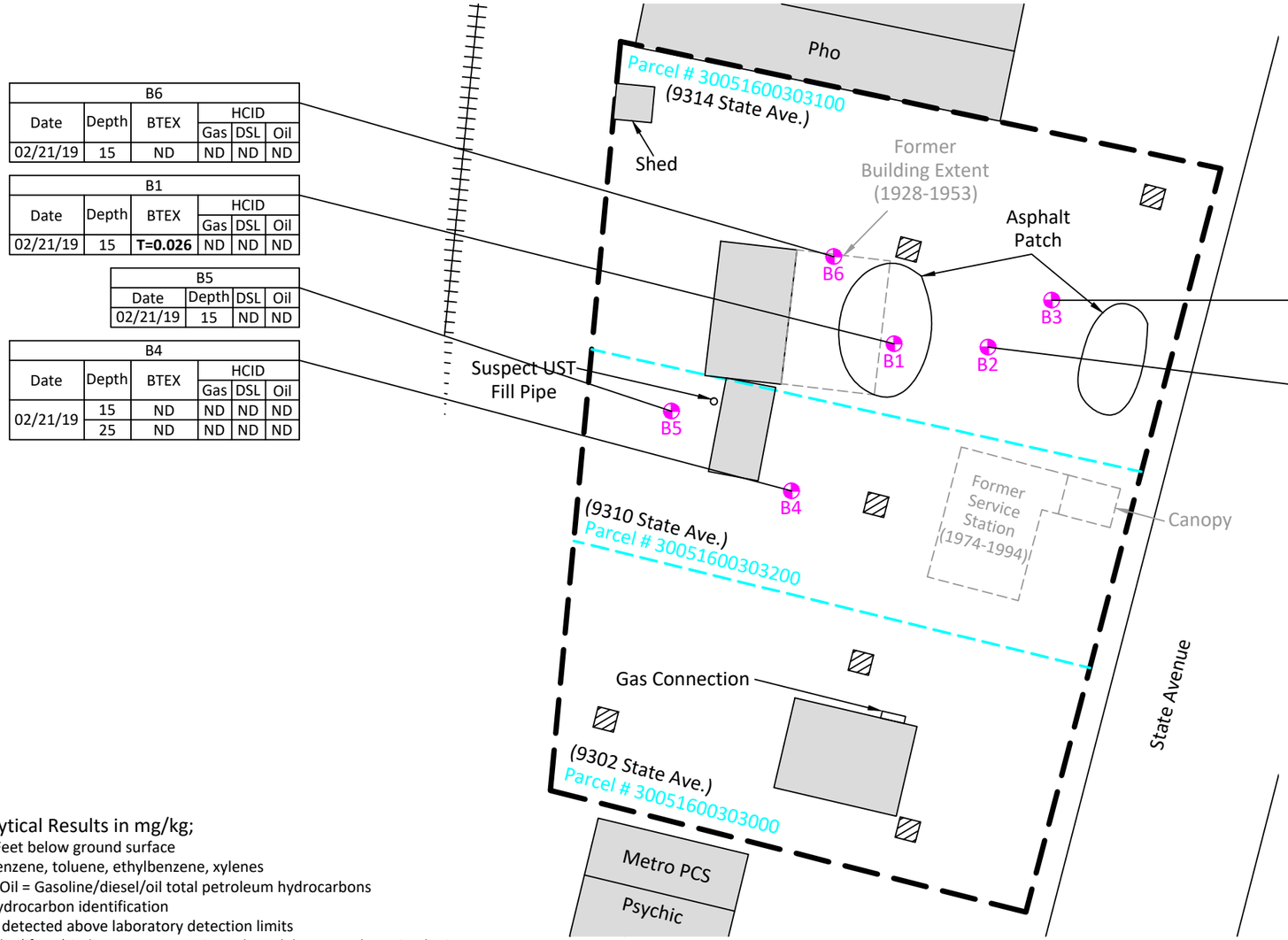
B1					
Date	Depth	BTEX	HCID		
			Gas	DSL	Oil
02/21/19	15	**T=0.026**	ND	ND	ND

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

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



= Soil Analytical Results in mg/kg;

Depth = Feet below ground surface
BTEX = Benzene, toluene, ethylbenzene, xylenes
Gas/DSL/Oil = Gasoline/diesel/oil total petroleum hydrocarbons
HCID = Hydrocarbon identification
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

= Boring by RGI, 02/21/19

= Property boundary

Approximate Scale: 1"=40'

0 20 40 80

N

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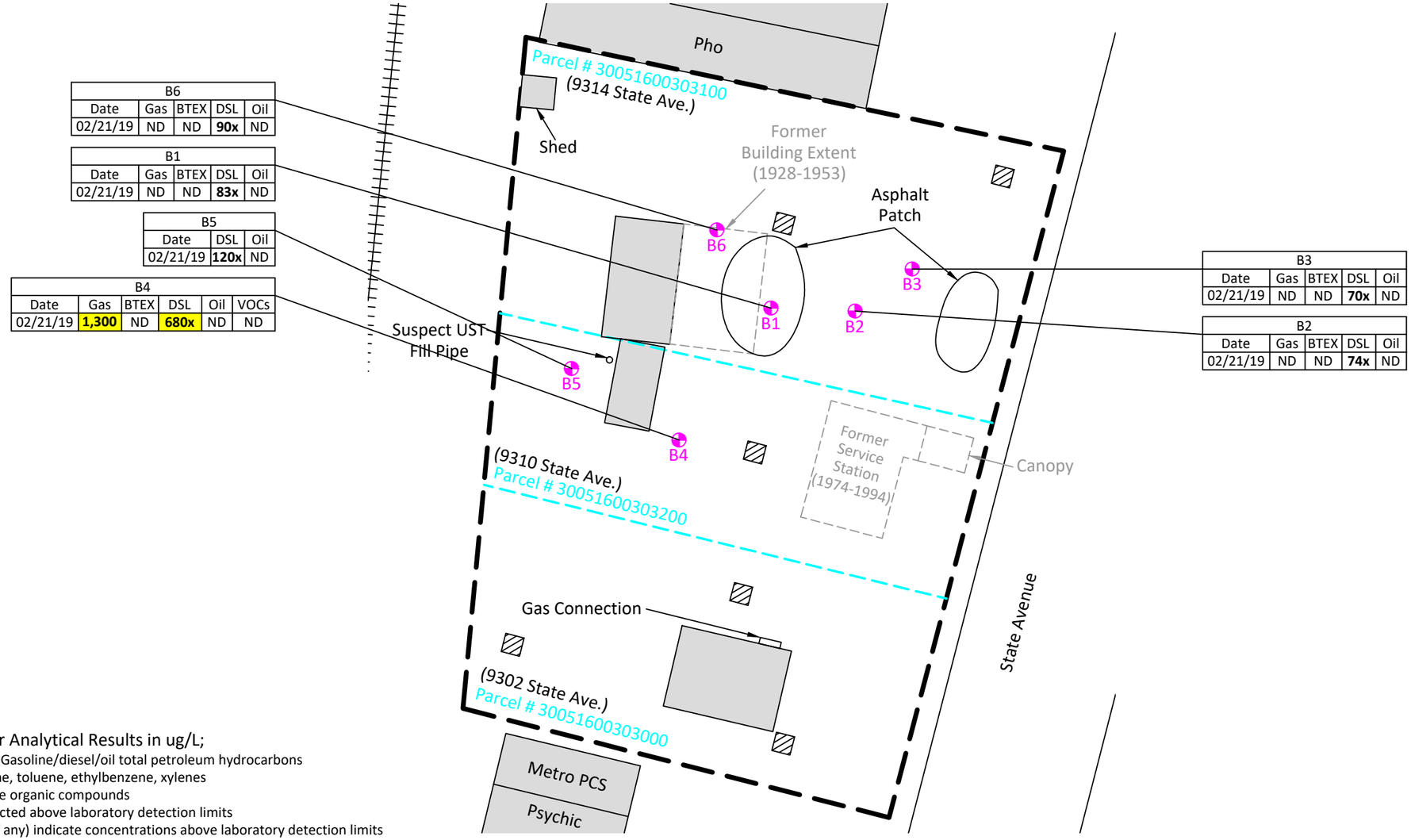
Marysville Excellent Choice Auto Sales		Figure 2
RGI Project Number 2018-244A	Property Representation with Soil Analytical Results	Date Drawn: 03/2019
Address: 9302, 9310 & 9314 State Avenue, Marysville Washington 98270		



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

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

= Groundwater Analytical Results in ug/L;

Gas/DSL/Oil = Gasoline/diesel/oil total petroleum hydrocarbons
BTEX = Benzene, toluene, ethylbenzene, xylenes
VOCs = Volatile organic compounds
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

= Boring by RGI, 02/21/19
= Property boundary

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

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Marysville Excellent Choice Auto Sales		Figure 3
RGI Project Number 2018-244A	Property Representation with Groundwater Analytical Results	Date Drawn: 03/2019
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. 2018-244A

Sample Number	Sample Depth	Sample Date	PID	BTEX				Diesel TPH	Oil TPH	HCID		
				B	T	E	X			Gasoline	Diesel	Heavy Oil
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	----	----	----	----	----	----	----	----	----
B2-10	10	02/21/19	0.0	----	----	----	----	----	----	----	----	----
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				**0.03**	**7**	**6**	**9**	**2,000**		**100/30[1]**	**2,000**	

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).

PID = Photoionization detector.

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.

ND = Not detected at noted analytical detection limit.

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. 2018-244A

---- = 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).
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 Grab Sample Analytical Laboratory Results
Marysville Excellent Choice Auto Sales
9302, 9310 & 9314 State Avenue, Marysville Washington 98270
The Riley Group, Inc. Project No. 2018-244A

Sample Number	Sample Date	Depth to Water (bgs)	Gasoline TPH	BTEX				Diesel TPH	Oil TPH	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1-DCE	Other VOCs
				B	T	E	X									
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<1	ND<0.2	ND<1	ND
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**	**5**	**5**	**----**	**----**	**0.2**	**----**	**Analyte Specific**
MTCA Method B Cleanup Levels for Ground Water[2]			----	----	----	----	----	----	----	----	----	**16**	**160**	----	**400**	----

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.

PCE (tetrachloroethene), TCE (trichloroethene), cis-1,2-DCE (cis-1,2-dichloreothene), trans-1,2-DCE (trans-1,2-dichloroethene), VC (vinyl chloride), 1,1-DCE (1,1-dichloroethene), and other VOCs (volatile organic compounds) determined using EPA Method 8260C.

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.

ND = Not detected above the noted analytical detection limit.

---- = Not analyzed or not applicable.

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

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). MTCA Method B Standard Formula Values for Ground Water from Ecology's Cleanup Level and Risk Calculation (CLARC) database.

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

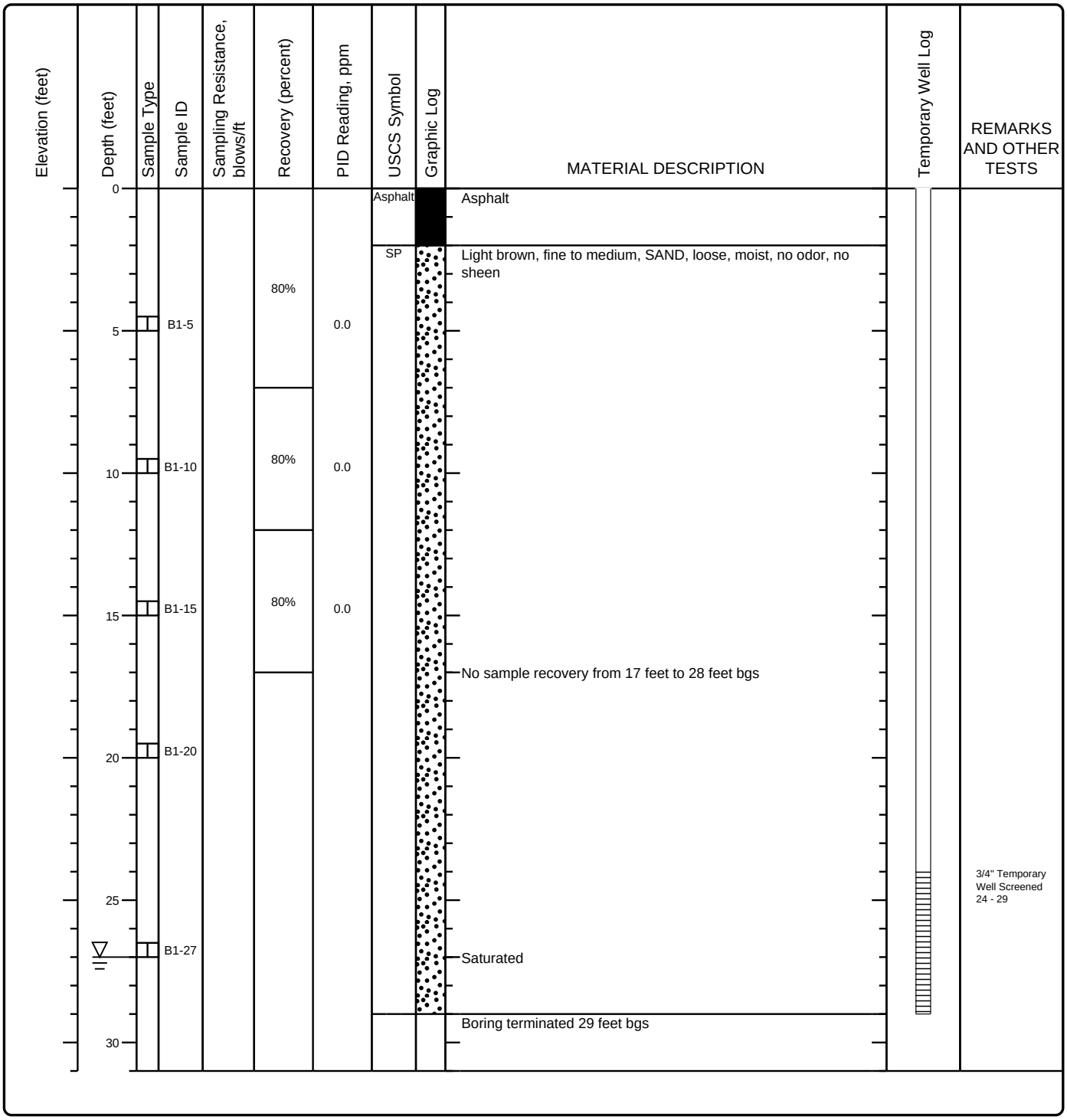
[2] No MTCA Method A Cleanup Level has been established. Therefore, the MTCA Method B Non-Carcinogenic Standard Formula Value is listed for reference.

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 B Cleanup Levels for Ground Water.

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244A** Client: **Excellent Choice Auto Sales**	RILEYGROUP Boring/Well No.: **B1** **Sheet 1 of 1**

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **29 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	



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

Project Name: **Marysville Excellent Choice Auto Sales**
Project Number: **2018-244A**
Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring/Well No.: **B2**

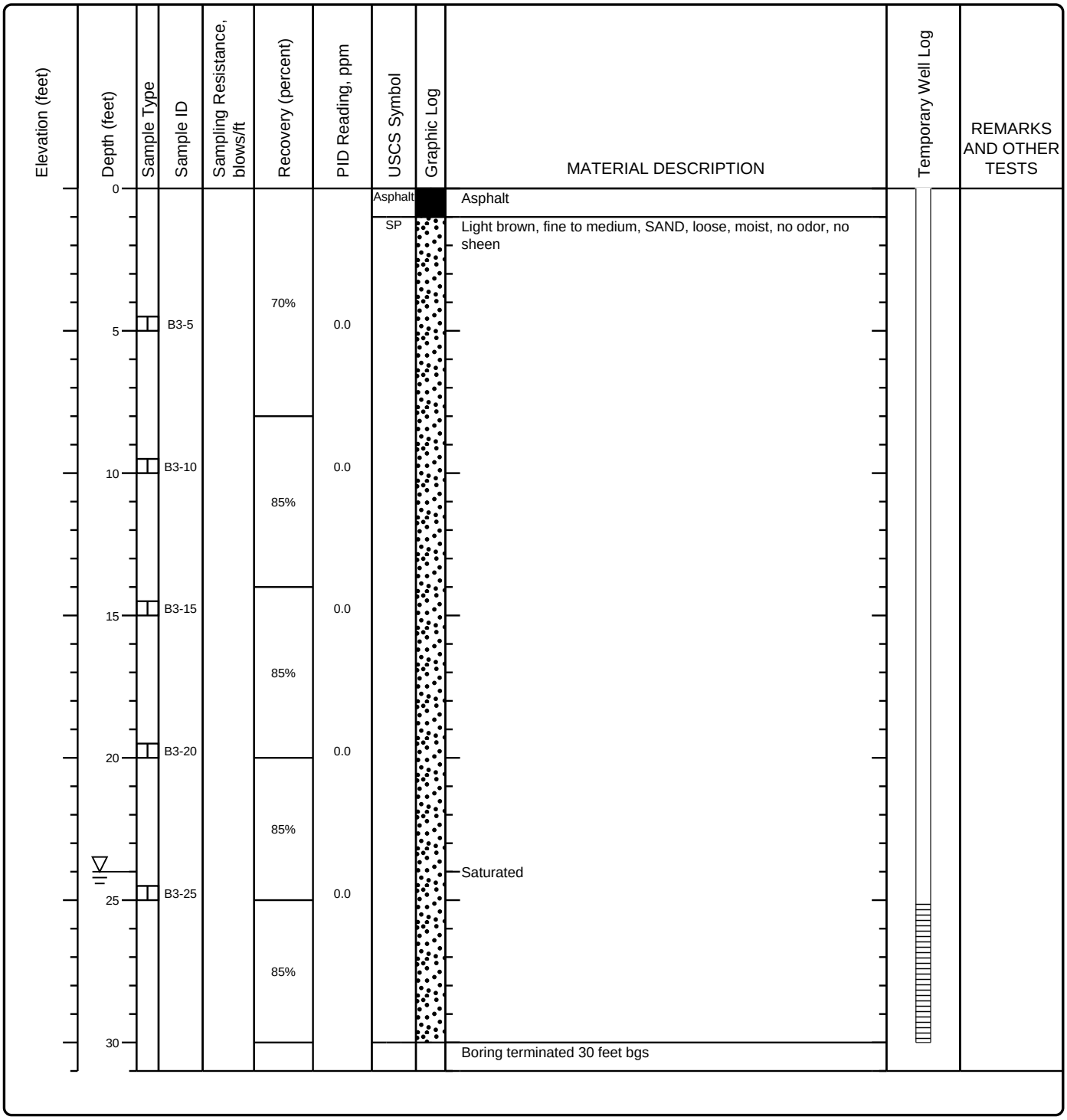
Sheet 1 of 1

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **27'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (percent)	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Temporary Well Log	REMARKS AND OTHER TESTS
	0						Asphalt		Asphalt		
							SP		Light brown, fine to medium, SAND, loose, moist, no odor, no sheen		
					75%						
	5		B2-5			0.0					
					80%						
	10		B2-10			0.0					
					80%						
	15		B2-15			0.0					
					90%						
	20										
	25		B2-25			0.0					3/4" Temporary Well Screened 25 - 30
			B2-27		90%	0.0			Saturated		
	30		B2-30			0.0			Boring terminated 30 feet bgs		

Project Name: **Marysville Excellent Choice Auto Sales** Project Number: **2018-244A** Client: **Excellent Choice Auto Sales**	Boring/Well No.: **B3** **Sheet 1 of 1**

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **24'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	



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

Project Name: **Marysville Excellent Choice Auto Sales**
Project Number: **2018-244A**
Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring/Well No.: **B4**
Sheet 1 of 1

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **28'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (percent)	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Temporary Well Log	REMARKS AND OTHER TESTS
	0						Asphalt		Asphalt		
							SP		Light brown, fine to medium, SAND, loose, moist, no odor, no sheen		
					75%						
	5		B4-5			0.0					
					75%						
	10		B4-10			0.0					
					75%						
	15		B4-15			0.0					
					80%						3/4" Temporary Well Screened 23 - 28 Installed with Expandable Drive Point
	20										
	25		B4-25			0.0					
					70%						
			B4-28			3.1			Saturated, slight odor, sheen		
	30		B4-30			1.9			No sheen		
									Boring terminated 30 feet bgs		

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

Project Name: **Marysville Excellent Choice Auto Sales**
Project Number: **2018-244A**
Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring/Well No.: **B5**

Sheet 1 of 1

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Gravel**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **28'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (percent)	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Temporary Well Log	REMARKS AND OTHER TESTS
	0								Gravel		
							SP		Gray/light brown, SAND, loose, moist, no odor, no sheen		
					70%						
	5		B5-5			0.0					
					75%						
	10		B5-10			0.0					
					75%						
	15		B5-15			0.0					
					80%						
	20		B5-20			0.0					
					80%						
	25		B5-25			0.0					3/4" Temporary Well Screened 25 - 30
			B5-28			0.0			Saturated		
	30								Boring terminated 30 feet bgs		

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

Project Name: **Marysville Excellent Choice Auto Sales**
Project Number: **2018-244A**
Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring/Well No.: **B6**

Sheet 1 of 1

Date(s) Drilled: **02/21/19**	Logged By: **ED**	Surface Conditions: **Asphalt**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **MacroCore 2.25" Rods**	Total Depth of Borehole: **30 feet bgs**
Drill Rig Type: **Geoprobe 7730 DT**	Drilling Contractor: **RGI**	Approximate Surface Elevation: **n/a**
Groundwater Level: **28'**	Sampling Method(s): **Continuous**	Hammer Data : **GH62**
Borehole Backfill: **Bentonite**	Location: **9302, 9310 & 9314 State Avenue, Marysville Washington 98270**	

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (percent)	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Temporary Well Log	REMARKS AND OTHER TESTS
	0						Asphalt		Asphalt		
							SP		Light brown, fine to medium, SAND, loose, moist, no odor, no sheen		
	5		B6-5		50%	0.0					
	10		B6-10			0.0					
					90%						
	15		B6-15			0.0					
					90%						
	20		B6-20			0.0					
	25		B6-25		100%	0.0					
			B6-28		70%	0.0			Saturated		
	30		B6-30			0.0			Boring terminated 30 feet bgs		

3/4" Temporary Well Screened 23 - 28 Installed with Expandable Drive Point

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

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

Project Number: **2018-244A**

Client: **Excellent Choice Auto Sales**

RILEYGROUP

Boring Log Key

Sheet 1 of 1

1 Elevation (feet)	2 Depth (feet)	3 Sample Type	4 Sample ID	5 Sampling Resistance, blows/ft	6 Recovery (percent)	7 PID Reading, ppm	8 USCS Symbol	9 Graphic Log	10 MATERIAL DESCRIPTION	11 Temporary Well Log	12 REMARKS AND OTHER TESTS

COLUMN DESCRIPTIONS

1. Elevation (feet): Elevation (MSL, feet).
2. Depth (feet): Depth in feet below the ground surface.
3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sample ID: Sample identification number.
5. Sampling Resistance, blows/ft: Number of blows to advance driven sampler one foot (or distance shown) beyond seating interval using the hammer identified on the boring log.
6. Recovery (percent): Percent Recovery
7. PID Reading, ppm: The reading from a photo-ionization detector, in parts per million.
8. USCS Symbol: USCS symbol of the subsurface material.
9. Graphic Log: Graphic depiction of the subsurface material encountered.
10. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
11. Temporary Well Log: Graphical representation of well installed upon completion of drilling and sampling.
12. REMARKS AND OTHER TESTS: Comments and observations regarding drilling or sampling made by driller or field personnel.

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)

Gravel

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.
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March 4, 2019

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

Dear Mr Larsen:

Included are the results from the testing of material submitted on February 22, 2019 from the 2018-244A, F&BI 902325 project. There are 17 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
TRG0304R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on February 22, 2019 by Friedman & Bruya, Inc. from the The Riley Group 2018-244A, F&BI 902325 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
902325 -01	B1-5
902325 -02	B1-10
902325 -03	B1-15
902325 -04	B1-20
902325 -05	B1-27
902325 -06	B1-W
902325 -07	B2-5
902325 -08	B2-10
902325 -09	B2-15
902325 -10	B2-27
902325 -11	B2-30
902325 -12	B2-W
902325 -13	B3-5
902325 -14	B3-10
902325 -15	B3-15
902325 -16	B3-20
902325 -17	B3-25
902325 -18	B3-W
902325 -19	B4-5
902325 -20	B4-10
902325 -21	B4-15
902325 -22	B4-25
902325 -23	B4-28
902325 -24	B4-30
902325 -25	B4-W
902325 -26	B5-5
902325 -27	B5-10
902325 -28	B5-15
902325 -29	B5-20
902325 -30	B5-25
902325 -31	B5-28
902325 -32	B5-W
902325 -33	B6-5
902325 -34	B6-10
902325 -35	B6-15

CASE NARRATIVE (CONTINUED)

Laboratory ID	The Riley Group
902325 -36	B6-20
902325 -37	B6-25
902325 -38	B6-28
902325 -39	B6-30
902325 -40	B6-W
902325 -41	B2-25
902325 -42	B2-20
902325 -43	B3-30
902325 -44	B4-20

All quality control requirements were acceptable.

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19
Date Analyzed: 02/25/19

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID

Results Reported on a Dry Weight Basis
Results Reported as Not Detected (ND) or Detected (D)

THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 53-144)
B1-15 902325-03	ND	ND	ND	90
B2-15 902325-09	ND	ND	ND	81
B3-15 902325-15	ND	ND	ND	82
B4-15 902325-21	ND	ND	ND	92
B4-25 902325-22	ND	ND	ND	94
B6-15 902325-35	ND	ND	ND	93
Method Blank 09-409 MB	ND	ND	ND	91

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19
Date Analyzed: 02/25/19

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
USING METHOD 8021B**

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

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (% Recovery) (Limit 50-132)
B1-15 902325-03	<0.02	0.026	<0.02	<0.06	85
B2-15 902325-09	<0.02	<0.02	<0.02	<0.06	83
B3-15 902325-15	<0.02	<0.02	<0.02	<0.06	82
B4-15 902325-21	<0.02	<0.02	<0.02	<0.06	84
B4-25 902325-22	<0.02	<0.02	<0.02	<0.06	85
B6-15 902325-35	<0.02	<0.02	<0.02	<0.06	85
Method Blank 09-339 MB	<0.02	<0.02	<0.02	<0.06	82

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19
Date Analyzed: 02/25/19 and 02/27/19

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 50-150)
B1-W 902325-06	<1	<1	<1	<3	<100	100
B2-W 902325-12	<1	<1	<1	<3	<100	101
B3-W 902325-18	<1	<1	<1	<3	<100	99
B6-W 902325-40	<1	<1	<1	<3	<100	81
Method Blank 09-337 MB	<1	<1	<1	<3	<100	102

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19Date Analyzed: 02/25/19

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
B4-W 902325-25	1,300	91
Method Blank 09-337 mb	<100	75

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19
Date Analyzed: 02/25/19

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

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

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
B5-15 902325-28	<50	<250	90
Method Blank 09-404 MB	<50	<250	96

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325
Date Extracted: 02/25/19
Date Analyzed: 02/25/19

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)
B1-W 902325-06 1/1.3	83 x	<330	111
B2-W 902325-12 1/1.3	74 x	<330	119
B3-W 902325-18 1/1.3	70 x	<320	118
B4-W 902325-25 1/1.3	680 x	<320	106
B5-W 902325-32 1/1.3	120 x	<320	113
B6-W 902325-40 1/1.4	90 x	<350	133
Method Blank 09-407 MB 1/1.2	<50	<250	112

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B4-W	Client:	The Riley Group
Date Received:	02/22/19	Project:	2018-244A, F&BI 902325
Date Extracted:	02/25/19	Lab ID:	902325-25
Date Analyzed:	02/25/19	Data File:	022530.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	57	121
Toluene-d8	101	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<50	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Hexane	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
Methyl t-butyl ether (MTBE)	<1	Isopropylbenzene	<1
trans-1,2-Dichloroethene	<1	Bromoform	<1
1,1-Dichloroethane	<1	n-Propylbenzene	3.4
2,2-Dichloropropane	<1	Bromobenzene	<1
cis-1,2-Dichloroethene	<1	1,3,5-Trimethylbenzene	3.7
Chloroform	<1	1,1,2,2-Tetrachloroethane	<1
2-Butanone (MEK)	<10	1,2,3-Trichloropropane	<1
1,2-Dichloroethane (EDC)	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,1-Dichloropropene	<1	tert-Butylbenzene	<1
Carbon tetrachloride	<1	1,2,4-Trimethylbenzene	<1
Benzene	<0.35	sec-Butylbenzene	11
Trichloroethene	<1	p-Isopropyltoluene	7.9
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Bromodichloromethane	<1	1,4-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dibromo-3-chloropropane	<10
cis-1,3-Dichloropropene	<1	1,2,4-Trichlorobenzene	<1
Toluene	<1	Hexachlorobutadiene	<1
trans-1,3-Dichloropropene	<1	Naphthalene	<1
1,1,2-Trichloroethane	<1	1,2,3-Trichlorobenzene	<1
2-Hexanone	<10		

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	2018-244A, F&BI 902325
Date Extracted:	02/25/19	Lab ID:	09-0301 mb
Date Analyzed:	02/25/19	Data File:	022509.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	57	121
Toluene-d8	99	63	127
4-Bromofluorobenzene	97	60	133

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<50	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Hexane	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
Methyl t-butyl ether (MTBE)	<1	Isopropylbenzene	<1
trans-1,2-Dichloroethene	<1	Bromoform	<1
1,1-Dichloroethane	<1	n-Propylbenzene	<1
2,2-Dichloropropane	<1	Bromobenzene	<1
cis-1,2-Dichloroethene	<1	1,3,5-Trimethylbenzene	<1
Chloroform	<1	1,1,2,2-Tetrachloroethane	<1
2-Butanone (MEK)	<10	1,2,3-Trichloropropane	<1
1,2-Dichloroethane (EDC)	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,1-Dichloropropene	<1	tert-Butylbenzene	<1
Carbon tetrachloride	<1	1,2,4-Trimethylbenzene	<1
Benzene	<0.35	sec-Butylbenzene	<1
Trichloroethene	<1	p-Isopropyltoluene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Bromodichloromethane	<1	1,4-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dibromo-3-chloropropane	<10
cis-1,3-Dichloropropene	<1	1,2,4-Trichlorobenzene	<1
Toluene	<1	Hexachlorobutadiene	<1
trans-1,3-Dichloropropene	<1	Naphthalene	<1
1,1,2-Trichloroethane	<1	1,2,3-Trichlorobenzene	<1
2-Hexanone	<10		

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

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

Laboratory Code: 902307-01 (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	102	72-119
Toluene	ug/L (ppb)	50	97	71-113
Ethylbenzene	ug/L (ppb)	50	97	72-114
Xylenes	ug/L (ppb)	150	86	72-113
Gasoline	ug/L (ppb)	1,000	88	70-119

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 902325-03 (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)	0.026	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	81	66-121
Toluene	mg/kg (ppm)	0.5	95	72-128
Ethylbenzene	mg/kg (ppm)	0.5	92	69-132
Xylenes	mg/kg (ppm)	1.5	98	69-131

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

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

Laboratory Code: 902336-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	7,000	148 b	120 b	64-133	21 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	79	58-147

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

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)	3,000	91	90	63-142	1

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 902307-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	ug/L (ppb)	50	<1	117	10-172
Chloromethane	ug/L (ppb)	50	<10	102	25-166
Vinyl chloride	ug/L (ppb)	50	<0.2	106	36-166
Bromomethane	ug/L (ppb)	50	<1	102	47-169
Chloroethane	ug/L (ppb)	50	<1	100	46-160
Trichlorofluoromethane	ug/L (ppb)	50	<1	105	44-165
Acetone	ug/L (ppb)	250	<50	82	10-182
1,1-Dichloroethene	ug/L (ppb)	50	<1	99	60-136
Hexane	ug/L (ppb)	50	<1	103	52-150
Methylene chloride	ug/L (ppb)	50	<5	106	67-132
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	104	74-127
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	102	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	103	70-128
2,2-Dichloropropane	ug/L (ppb)	50	<1	96	36-154
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	103	71-127
Chloroform	ug/L (ppb)	50	<1	101	65-132
2-Butanone (MEK)	ug/L (ppb)	250	<10	92	10-129
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	105	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	104	60-146
1,1-Dichloropropene	ug/L (ppb)	50	<1	99	69-133
Carbon tetrachloride	ug/L (ppb)	50	<1	109	56-152
Benzene	ug/L (ppb)	50	<0.35	97	76-125
Trichloroethene	ug/L (ppb)	50	<1	94	66-135
1,2-Dichloropropane	ug/L (ppb)	50	<1	97	78-125
Bromodichloromethane	ug/L (ppb)	50	<1	101	61-150
Dibromomethane	ug/L (ppb)	50	<1	101	66-141
4-Methyl-2-pentanone	ug/L (ppb)	250	<10	100	10-185
cis-1,3-Dichloropropene	ug/L (ppb)	50	<1	99	72-132
Toluene	ug/L (ppb)	50	<1	94	76-122
trans-1,3-Dichloropropene	ug/L (ppb)	50	<1	93	76-130
1,1,2-Trichloroethane	ug/L (ppb)	50	<1	97	68-131
2-Hexanone	ug/L (ppb)	250	<10	91	10-185
1,3-Dichloropropane	ug/L (ppb)	50	<1	98	71-128
Tetrachloroethene	ug/L (ppb)	50	<1	99	10-226
Dibromochloromethane	ug/L (ppb)	50	<1	106	70-139
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	101	69-134
Chlorobenzene	ug/L (ppb)	50	<1	97	77-122
Ethylbenzene	ug/L (ppb)	50	<1	96	69-135
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	<1	105	73-137
m,p-Xylene	ug/L (ppb)	100	<2	99	69-135
o-Xylene	ug/L (ppb)	50	<1	98	60-140
Styrene	ug/L (ppb)	50	<1	101	71-133
Isopropylbenzene	ug/L (ppb)	50	<1	98	65-142
Bromoform	ug/L (ppb)	50	<1	107	65-142
n-Propylbenzene	ug/L (ppb)	50	<1	98	58-144
Bromobenzene	ug/L (ppb)	50	<1	102	75-124
1,3,5-Trimethylbenzene	ug/L (ppb)	50	<1	98	66-137
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	<1	101	51-154
1,2,3-Trichloropropane	ug/L (ppb)	50	<1	99	53-150
2-Chlorotoluene	ug/L (ppb)	50	<1	98	66-127
4-Chlorotoluene	ug/L (ppb)	50	<1	98	65-130
tert-Butylbenzene	ug/L (ppb)	50	<1	96	65-137
1,2,4-Trimethylbenzene	ug/L (ppb)	50	<1	97	59-146
sec-Butylbenzene	ug/L (ppb)	50	<1	96	64-140
p-Isopropyltoluene	ug/L (ppb)	50	<1	97	65-141
1,3-Dichlorobenzene	ug/L (ppb)	50	<1	98	72-123
1,4-Dichlorobenzene	ug/L (ppb)	50	<1	96	69-126
1,2-Dichlorobenzene	ug/L (ppb)	50	<1	98	69-128
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	<10	107	32-164
1,2,4-Trichlorobenzene	ug/L (ppb)	50	<1	100	66-136
Hexachlorobutadiene	ug/L (ppb)	50	<1	99	60-143
Naphthalene	ug/L (ppb)	50	<1	100	44-164
1,2,3-Trichlorobenzene	ug/L (ppb)	50	<1	102	69-148

Date of Report: 03/04/19
Date Received: 02/22/19
Project: 2018-244A, F&BI 902325

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	118	119	25-158	1
Chloromethane	ug/L (ppb)	50	102	101	45-156	1
Vinyl chloride	ug/L (ppb)	50	106	106	50-154	0
Bromomethane	ug/L (ppb)	50	101	102	55-143	1
Chloroethane	ug/L (ppb)	50	99	99	58-146	0
Trichlorofluoromethane	ug/L (ppb)	250	107	107	50-150	0
Acetone	ug/L (ppb)	250	82	82	53-131	0
1,1-Dichloroethene	ug/L (ppb)	50	97	96	67-136	1
Hexane	ug/L (ppb)	50	107	106	57-137	1
Methylene chloride	ug/L (ppb)	50	105	103	39-148	2
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	101	101	64-147	0
trans-1,2-Dichloroethene	ug/L (ppb)	50	102	101	68-128	1
1,1-Dichloroethane	ug/L (ppb)	50	103	102	79-121	1
2,2-Dichloropropane	ug/L (ppb)	50	109	109	55-143	0
cis-1,2-Dichloroethene	ug/L (ppb)	50	102	102	80-123	0
Chloroform	ug/L (ppb)	50	100	101	80-121	1
2-Butanone (MEK)	ug/L (ppb)	250	94	94	57-149	0
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	105	105	73-132	0
1,1,1-Trichloroethane	ug/L (ppb)	50	104	104	83-130	0
1,1-Dichloropropene	ug/L (ppb)	50	99	99	77-129	0
Carbon tetrachloride	ug/L (ppb)	50	109	109	75-158	0
Benzene	ug/L (ppb)	50	95	95	69-134	0
Trichloroethene	ug/L (ppb)	50	93	93	80-120	0
1,2-Dichloropropane	ug/L (ppb)	50	95	95	77-123	0
Bromodichloromethane	ug/L (ppb)	50	101	102	81-133	1
Dibromomethane	ug/L (ppb)	50	99	100	82-125	1
4-Methyl-2-pentanone	ug/L (ppb)	250	99	99	65-138	0
cis-1,3-Dichloropropene	ug/L (ppb)	50	100	99	82-132	1
Toluene	ug/L (ppb)	50	95	93	72-122	2
trans-1,3-Dichloropropene	ug/L (ppb)	50	96	93	80-136	3
1,1,2-Trichloroethane	ug/L (ppb)	50	97	94	75-124	3
2-Hexanone	ug/L (ppb)	250	93	91	60-136	2
1,3-Dichloropropane	ug/L (ppb)	50	96	95	76-126	1
Tetrachloroethene	ug/L (ppb)	50	99	98	76-121	1
Dibromochloromethane	ug/L (ppb)	50	108	108	84-133	0
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	100	100	82-125	0
Chlorobenzene	ug/L (ppb)	50	96	96	83-114	0
Ethylbenzene	ug/L (ppb)	50	97	96	77-124	1
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	106	106	84-127	0
m,p-Xylene	ug/L (ppb)	100	99	98	83-125	1
o-Xylene	ug/L (ppb)	50	97	97	81-121	0
Styrene	ug/L (ppb)	50	100	99	84-119	1
Isopropylbenzene	ug/L (ppb)	50	98	97	85-117	1
Bromoform	ug/L (ppb)	50	115	111	74-136	4
n-Propylbenzene	ug/L (ppb)	50	98	98	74-126	0
Bromobenzene	ug/L (ppb)	50	100	100	80-121	0
1,3,5-Trimethylbenzene	ug/L (ppb)	50	97	97	78-123	0
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	102	102	66-126	0
1,2,3-Trichloropropane	ug/L (ppb)	50	99	100	67-124	1
2-Chlorotoluene	ug/L (ppb)	50	98	97	77-127	1
4-Chlorotoluene	ug/L (ppb)	50	97	97	78-128	0
tert-Butylbenzene	ug/L (ppb)	50	96	97	80-123	1
1,2,4-Trimethylbenzene	ug/L (ppb)	50	95	96	79-122	1
sec-Butylbenzene	ug/L (ppb)	50	96	96	80-125	0
p-Isopropyltoluene	ug/L (ppb)	50	96	96	81-123	0
1,3-Dichlorobenzene	ug/L (ppb)	50	96	98	85-116	2
1,4-Dichlorobenzene	ug/L (ppb)	50	94	95	84-121	1
1,2-Dichlorobenzene	ug/L (ppb)	50	96	97	85-116	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	110	111	57-141	1
1,2,4-Trichlorobenzene	ug/L (ppb)	50	98	99	72-130	1
Hexachlorobutadiene	ug/L (ppb)	50	99	100	53-141	1
Naphthalene	ug/L (ppb)	50	100	100	64-133	0
1,2,3-Trichlorobenzene	ug/L (ppb)	50	99	100	65-136	1

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.

902325

SAMPLE CHAIN OF CUSTODY

ME 02/22/19

Page # ____ of ____

Report To Stafford Larsen

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell WA

Phone ____ Email ____

SAMPLERS (*signature*)

PROJECT NAME: 2018-244A

PO #

REMARKS

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	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM					Notes
B1-5	01 A-E	2/21/19		soil	5												
B1-10	02																
B1-15	03					X			X								
B1-20	04																
B1-27	05																
B1-W	06A-G			H2O	7		X	X	X								
B2-5	07 A-E			Soil	5												
B2-10	08																
B2-15	09					X			X								
B2-27	10																

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Stafford Larsen	Stafford Larsen	F&I	2/20/19	1:45
Received by:	Matt Law	Matt Law	F&BT	2/22/19	1:45
Relinquished by:					4
Received by:			Samples received at		____ °C

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

902325

SAMPLE CHAIN OF CUSTODY

ME 02/22/19 NS4/VW3/5 Day

Page # 2 of 5

Report To Stafford Larsen

Company The Riley Group

Address

City, State, ZIP

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: 2018-244A

PO #

REMARKS

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	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM					Notes
B2-30	11 A-E	2/21/19		soil	5												
B2-W	12 A-G			H2O	7		X	X	X								
B3-5	13 A-E			soil	5												
B3-10	14																
B3-15	15					X			X								
B3-20	16																
B3-25	17																Sample labeled B3-24 EWB 2/22/19
B3-W	18 A-G			H2O	7		X	X	X								
B4-5	19 A-E			soil	5												
B4-10	20																

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Stafford Larsen	Riley	2/22/19	1:45
Received by:	Nham Pham	FEST	2/22/19	1:45
Relinquished by:				
Received by:		Samples received at 4 °C		

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

902325

SAMPLE CHAIN OF CUSTODY

ME 02/22/19 OW3/VS4/PW5

Page # 1 of 1

Report To Stafford Larsen

Company The Riley Group

Address

City, State, ZIP

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: 2018-244A

PO #

REMARKS

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	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM					Notes
B4-15	21 A-E	2/21/19		Soil	5	X			X								
B4-25	22					X			X								
B4-28	23																
B4-30	24																
B4-W	25A-G			H2O	7		X	X	X	X							
B5-5	26 A-E			Soil	5												
B5-10	27																
B5-15	28						X										
B5-20	29																
B5-25	30																

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Stafford	R&T	2/22/19	1:45
Received by:	Dhan Phan	FEBT	2/22/19	1:45
Relinquished by:				
Received by:		Samples received at 4 °C		

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

902325 [redacted] Stafford [signature]

Company RGI

Address

City, State, ZIP

Phone Email

SAMPLE CHAIN OF CUSTODY

ME 02/22/19 VW3/D4/Y VS4 [redacted]

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SAMPLERS (*signature*) [signature]	
PROJECT NAME 2018-244A	PO #
REMARKS	INVOICE TO

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	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM					Notes
B5-28	31 A-E	2/21/19		soil	5												
B5-w	32 A-G	↓		H2O	7		x	##	##								
B6-5	33 A-E			soil	5												
B6-10	34			↓	↓												
B6-15	35					x			x								
B6-20	36																
B6-25	37																
B6-28	38																
B6-30	39																
B6-w	40 A-G	↓		H2O	7		x	x	x								

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	[signature]	[signature]	RGI	2/22/19	1:45
Received by:	[signature]	Nhan Phan	FEBI	2/22/19	1:45
Relinquished by:					
Received by:			Samples received at 4 °C		

SAMPLE CHAIN OF CUSTODY

ME 02/22/19

VSH/VW3/ 5 D04 5

Page # 5 of 5

902325 Stoffel Lam

Company RGI

Address

City, State, ZIP

Phone Email

SAMPLERS (*signature*)

PROJECT NAME: 2018-044A

PO #

REMARKS

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	TPH-HCID	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM				Notes
B2-25	41A-C	2/21	5017		5											
B2-20	42	"	"		"											
B3-20	43	"	"		"											
B4-20	44	"	"		"											

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Stoffel	RGI	2/22/19	
Received by:	Liz Webber-Bruya	FBI	2/22/19	1530
Relinquished by:				EAB
Received by:		Samples received at 4 °C		

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