



THE RILEY GROUP, INC.

October 21, 2008

Mr. Mark Zenger
Snoqualmie Summit Inn
P.O. Box 1449
Edmonds, Washington 98020

**Re: Supplemental Phase II Subsurface Investigation
Snoqualmie Summit Property, Kittitas and King County
SR 906, Snoqualmie Pass, Washington
RGI Project #2008-321A**

Dear Mr. Zenger:

This letter report summarizes The Riley Group, Inc.'s (RGI) Supplemental Phase II Subsurface Investigation (Phase II) findings for the Snoqualmie Summit Properties, King and Kittitas County located on SR 906, Snoqualmie Pass, Washington (Figure 1).

The Supplemental Phase II investigation was performed at the request of Mr. Mark Zenger (Client). The scope of work for this project was performed in accordance with our *Supplemental Phase II Subsurface Investigation Proposal* dated and approved September 23, 2008. The purpose of the Supplemental Phase II was to further evaluate soil quality around the former gasoline station located on the Kittitas County parcel and the fill soils on the east King County parcel.

BACKGROUND

RGI Phase I Environmental Site Assessment dated September 23, 2008 revealed the following Recognized Environmental Concerns (RECs):

- Petroleum hydrocarbon-stained soil on the King County parcel.
- An aboveground diesel-fuel storage tank on the King County parcel that did not have any secondary containment or spill control.
- A former gasoline service station located on the Kittitas County parcel.
- The Kittitas County parcel had historically been developed with a gasoline service station, a retail store and a single car (storage) garage.

The King County parcel has never been developed, except as a road (known as the Yellowstone Trail or Sunset Highway) on the east King County parcel. At the time of RGI's Phase I ESA, both parcels were vacant.

Earth Consulting, Inc. (ECI) completed a subsurface investigation (*Phase II Environmental Site Assessment Report, Snoqualmie Pass Property Group, Snoqualmie Pass, Washington, dated*

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December 13, 2007). ECI conducted a geophysical survey in an attempt to locate underground gasoline storage tanks (USTs) and fuel system piping associated with the former gasoline service station. USTs were not found, but fuel system piping was located on the north side of the former gasoline station foundation. Subsequent to the geophysical survey, ECI excavated 15 test pits (SP-EP1 through SP-EP12 on the Kittitas County parcel and SPN EP1 through SPN EP3 on the King County parcel) across the Site and collected soil samples for chemical analysis for total petroleum hydrocarbons (TPH), poly nuclear aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) and total lead. ECI's 2007 sampling locations and results are shown on the attached tables and figures for reference and are summarized below.

ECI's Phase II reported elevated concentrations of TPH that exceeded the Model Toxics Control Act (MTCA) Method A Cleanup Levels for Unrestricted Land Use. Elevated concentrations of diesel and oil-range TPH, which exceeded the regulatory cleanup levels, were found on the East King County parcel associated with oil spills on the ground surface. Concentrations of gasoline, diesel and oil-range TPH, which exceeded the regulatory cleanup levels, were found on the Kittitas County parcel associated with the former single-car garage (located on the northeast corner of the parcel) and former gasoline service station (southeast corner of Site). Shallow perched groundwater was encountered on the Kittitas County parcel in contact with petroleum-contaminated soil (PCS).

Carcinogenic PAH (chrysene) was found in a single soil sample from a soil stockpile on the east King County parcel at a concentration that exceeded the MTCA cleanup levels for unrestricted land use. The stockpile also contained approximately 63,000 mg/kg (6%) oil-range TPH. PCBs were not found above the analytical method reporting limits. (This stockpile was not present at the time of RGI's Phase I ESA). One soil sample from the Kittitas County parcel contained a concentration of lead at 912 mg/kg that exceeded the MTCA Method A Cleanup Level for Unrestricted Land Use (250 mg/kg). This sample containing elevated lead was collected from the northeast corner of this parcel, adjacent to the former single-car garage.

The east King County parcel is leased by a snowplow and earth works contractor who kept heavy equipment at the Site. During RGI's Phase I Environmental Site Assessment, RGI observed fresh spills of what appeared to be hydraulic oil and a heavy odor of oil emanating from the fill soil on the southern portion of the Site. At the time of this Phase II, most of the equipment had been removed.

SCOPE OF SERVICES

The Scope of Services performed for this project included the following tasks:

- Located public and private utilities.
- Advanced ten test pits, five on the Kittitas County parcel and six on the east King County parcel, to a maximum depth of 11 feet below ground surface (bgs).
- Collected soil samples for laboratory analysis of potential contaminants of concern.
- Compared analytical results to the routine Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340-900 Table 740-1).

REGULATORY ANALYSIS OF SITE CONDITIONS UNDER MODEL TOXICS CONTROL ACT (MTCA)

Washington's hazardous release cleanup law, the Model Toxics Control Act (RCW 70.105D) mandates that site cleanups protect human health and the environment. The MTCA Cleanup Regulation (WAC173-340) defines the approach for establishing cleanup requirements for individual sites, including the establishment of cleanup standards and selection of cleanup actions.

The MTCA 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 Use (considered protective of drinking water). The MTCA Method A Cleanup Levels are summarized in the attached Table.

SUPPLEMENTAL PHASE II SUBSURFACE INVESTIGATION

On October 6, 2008, RGI advanced a total of 11 test pits to a maximum depth of 11 feet bgs. Test pits were placed around the former gasoline station foundation on the Kittitas County parcel and on the east King County parcel (Figure 2 and Figure 3, respectively).

The test pits were advanced using a track-mounted excavator owned and operated by Kelly Excavating, Inc., under subcontract to RGI. Test pit logs will be kept in our files and are available upon request. Shallow, perched, groundwater was encountered in eight of the 11 test pits at depths ranging from 4.5 to 8.5 feet below ground surface (bgs).

Five test pits (SP EP 13 through SP EP 18) were advanced north, south and east of the former service station building footprint (Kittitas County parcel). An (unsuccessful) attempt was made to locate the suspected below grade hoists at the former service station. Shallow perched groundwater was encountered from 7.5 to 8.5 feet bgs.

Six test pits (SPN-EP4 through SPN EP-9) were advanced on the east King County parcel. The purpose of the exploration pits on this parcel was to evaluate general soil quality, including but not limited to areas of obvious surface contamination (from spilled oil). Three test pits were located on the south end of the parcel where approximately four-feet of fill has been placed to raise the surface grade. Two test pits were located based on the presence of surface staining. One test pit was placed in the former AST location.

All sampling equipment was cleaned in between sampling and test pit locations. All field sampling and decontamination procedures were performed in accordance with RGI's standard sampling and decontamination protocols.

Soil Sampling

During all test pit exploration activities, soil samples were collected, inspected, and classified by RGI's field geologist. Soil conditions encountered were described using the Unified Soil Classification System (USCS).

Fill soil placed on the southwest quadrant of the east King County parcel generally consisted of brown to gray, silty, gravelly fine to medium sand with cobbles to a depth of approximately four feet. Native soil, encountered beneath asphalt (former roadway) consists of brown fine to coarse Sand with gravel, silt and organics.

Soil encountered in the test pits on the Kittitas County parcel generally consisted of gray fine to coarse sand with silt, gravel and cobbles.

A total of 26 discrete soil samples were collected during this project. Soil samples were screened in the field for the presence of (undifferentiated) volatile organic compounds (VOCs) using a portable gas analyzer equipped with a photo-ionization detector (PID) and water sheen. PID field screening results are presented in Table 1 and Table 2. Field screening results ranged from 0.0 to 167 volumetric parts per million (Vppm). The highest PID readings were detected in test pit SP-EP-17-5.0 (167 Vppm), at a depth of approximately five feet bgs (Table 1).

Based on the field screening results and our field observations, 17 soil samples were submitted for laboratory analyses for potential contaminants of concern, listed below. Samples collected for VOC analysis were collected using the Ecology-mandated 5035 sample collection method. Samples with the highest PID readings, or corresponding to specific areas of concern (e.g., UST nest), were selected for laboratory analysis.

Groundwater

Shallow, perched, groundwater was encountered at depths ranging from approximately 4.5 to 8.5 feet bgs in eight of the 11 test pits; it was not encountered in the other three. Groundwater grab samples were not collected during this Supplemental Phase II Subsurface Investigation because water samples collected from test pits are not representative of groundwater conditions.

Analytical Laboratory Analysis

Soil samples collected during this project were submitted to Friedman Bruya, Inc. of Seattle, Washington, for one or more of the following laboratory analyses:

- Gasoline range TPH using Ecology Test Method NWTPH-Gx;
- BTEX (benzene, ethylbenzene, toluene, xylenes) using EPA Test Method 8021;
- Diesel and oil-range TPH using Ecology Test Method NWTPH-DX with silica gel cleanup¹;
- MTCA metals (arsenic, cadmium, chromium, lead, mercury), and,
- Polychlorinated biphenyls (PCBs) using EPA Test Method 8080 or substantial equivalent.

Laboratory Analytical Results

Analytical results and field screening data, summarized in the attached Tables 1 and Table 2, are discussed below. Copies of the analytical laboratory report and associated sample chain of custody forms are included in Appendix A.

Kittitas County parcel

Gasoline-range TPH was not detected in the soil samples submitted for testing, except for sample SP-EP-17-5.0 and SP-EP-17-8.5 (exploration pit 17 at 5-feet and 8.5-feet bgs), which yielded 200 mg/kg and 3 mg/kg TPH Gx, respectively. The MTCA Method A Soil Cleanup Level for Unrestricted Land Use is 30 mg/kg. Ethylbenzene, toluene and xylene were detected in sample SP-EP-17-5.0 at concentrations that did not exceed the cleanup levels for these compounds. BTEX compounds were not detected in any other soil samples at concentrations exceeding the method reporting levels.

East King County parcel

Diesel-range TPH was not detected in the soil samples submitted for testing, except for sample SPN-EP-6-2.5, which yielded 140 mg/kg diesel-range TPH and 770 mg/kg oil-range TPH at 2.5 feet bgs. The MTCA Method A Soil Cleanup level for diesel and oil-range TPH is 2,000 mg/kg.

CONCLUSIONS AND RECOMMENDATIONS

Based on ECI's 2007 Phase II and our supplemental subsurface investigation findings, RGI concludes the following:

Kittitas County Parcel

- Gasoline-range and diesel-range TPH is present at concentrations that exceed the regulatory cleanup levels in the soil beneath the former gasoline service station foundation (southeast corner of the Kittitas County parcel) and beneath the former single car garage (on the northeast corner of the Kittitas County parcel). It appears that shallow perched groundwater is likely in contact with the contaminated soil.

RGI recommends that the Kittitas County parcel be entered into Ecology's Voluntary Cleanup Program and that an independent cleanup action be conducted with the goal of obtaining a

¹ Silica gel cleanup removes naturally occurring organics, which can give falsely elevated diesel/oil TPH readings.

determination of No Further Action (NFA). The goal of cleanup actions is protection of human health and the environment. As such the cleanup standards (Ch 173-340 WAC) are established for protection of groundwater quality. Therefore, it will be necessary to construct groundwater monitoring wells to evaluate groundwater quality.

East King County Parcel

- Oil-range TPH is present in shallow soil on the east King County parcel at concentrations that exceed the regulatory cleanup levels. Shallow perched groundwater does not appear to be in contact with soil containing concentrations of TPH. Detected concentrations of TPH that exceed the soil cleanup levels for unrestricted land use on this parcel were found by ECI in shallow soils (one foot bgs) associated with spilled oil; and, in our opinion represents de minimus conditions and **does not warrant a cleanup action.**

LIMITATIONS

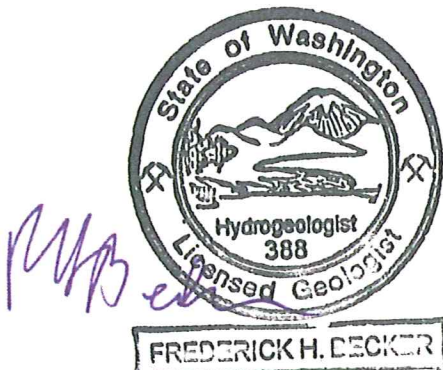
This report is the property of The Riley Group, Inc., Snoqualmie Summit Inn, and their authorized representatives or affiliates and was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions. This report is intended for specific application to the Kittitas and King County property located adjacent to SR 906, Snoqualmie Pass, 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-site, or other noted data sources. Conditional changes may occur through time by natural or man-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, The Riley Group, Inc. should be requested to reevaluate the recommendations in this report.

We trust that this letter report meets your current project needs and appreciate the opportunity to be of service. Please contact us at (425) 415-0551, or by fax (425) 415-0311, if you have any questions or need additional information.

Sincerely,

THE RILEY GROUP, INC.



Frederick H. Becker, L.G., L.H.G.
Senior Geologist

Paul D. Riley, L.G., L.H.G.
Principal

Attachments

Figure 1 *Site Vicinity Map*

Figure 2 *Exploration Pit Location Plan Kittitas County*

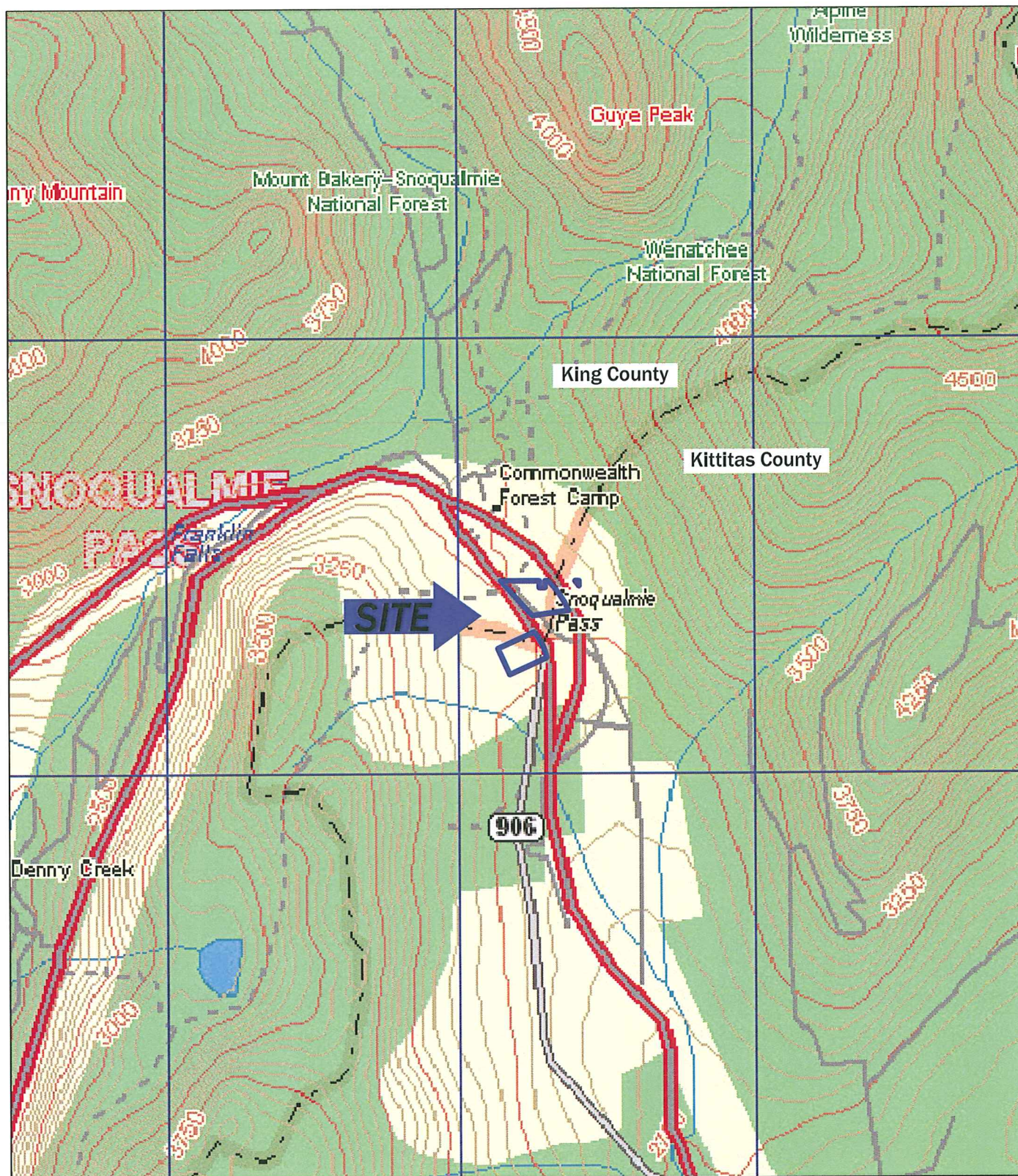
Figure 3 *Exploration Pit Location Plan King County East Parcel*

Table 1 *Summary of Subsurface Soil Sample Analytical Results – Kittitas County Parcel*

Table 2 *Summary of Subsurface Soil Sample Analytical Results – East King County Parcel*

Appendix A *Analytical Laboratory Reports & Chain of Custody*

Report Distribution *Mr. Mark Zenger, Snoqualmie Summit Inn, (three bound copies and one electronic PDF)*



USGS, 1989 Snoqualmie, Washington
7.5-Minute Quadrangle

Approximate Scale: 1"=1000'



The Riley Group, Inc.
17522 BOTHELL WAY NE
BOTHELL, WASHINGTON 98011

Snoqualmie Summit Supplement Phase II

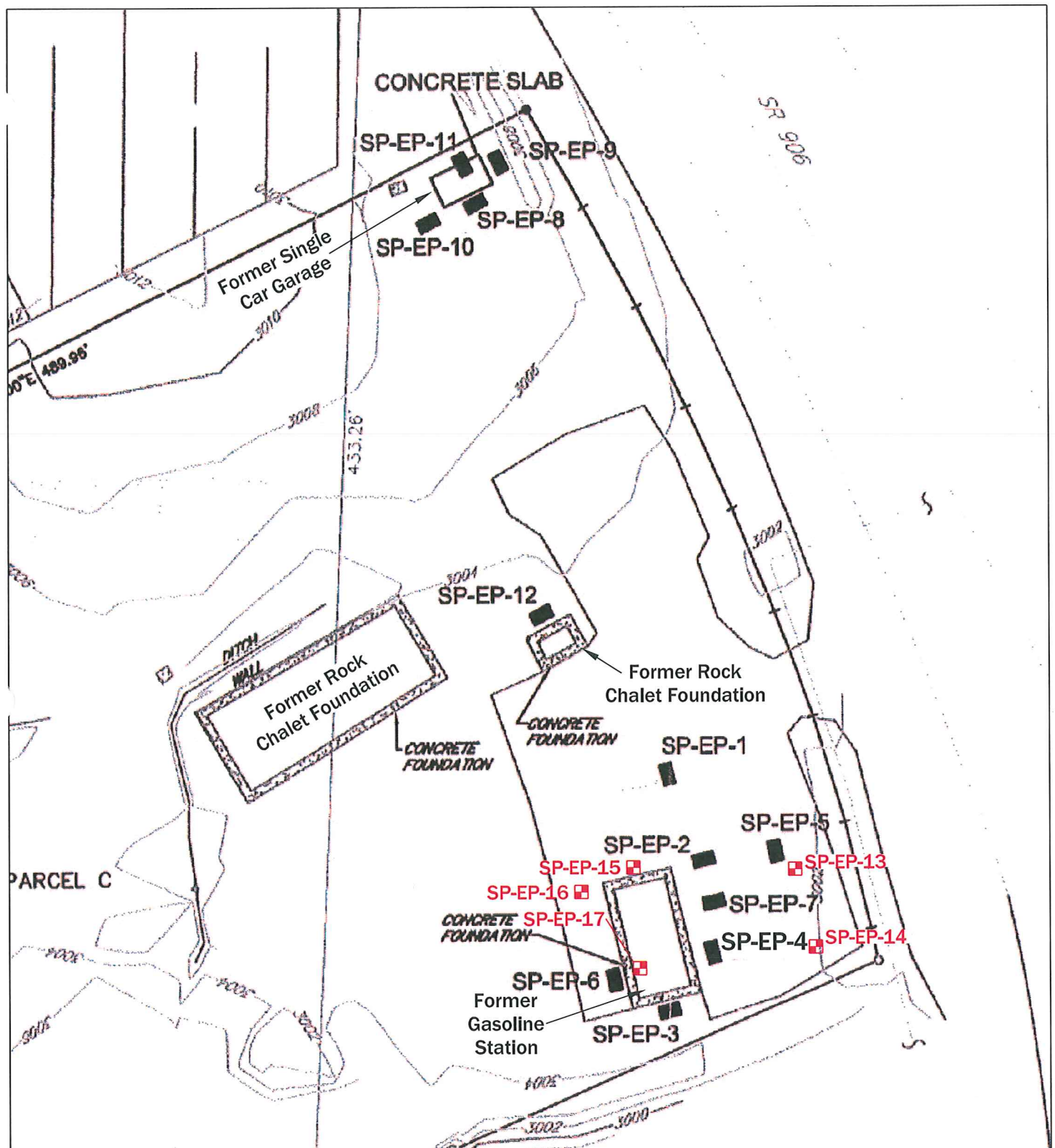
Figure 1

Project Number
2008-321A

Site Vicinity Map

Date Drawn:
10/07/08

Address: SR 906, Snoqualmie Pass, Washington



SPN-EP1 ■ Approximate location of ECI exploration pit, November 2007.

SP-EP-13 ■ (in red) RGI test pit location 10/06/08.

Drawing after Earth Consulting Incorporated,
Exploration Pit Location Plan, November 28, 2007.

Approximate Scale: 1"=60'

0 30 60 120



The Riley Group, Inc.

17522 BOTHELL WAY NE
BOTHELL, WASHINGTON 98011

Snoqualmie Summit Supplement Phase II

Figure 2

Project Number

Exploration Pit Location Plan

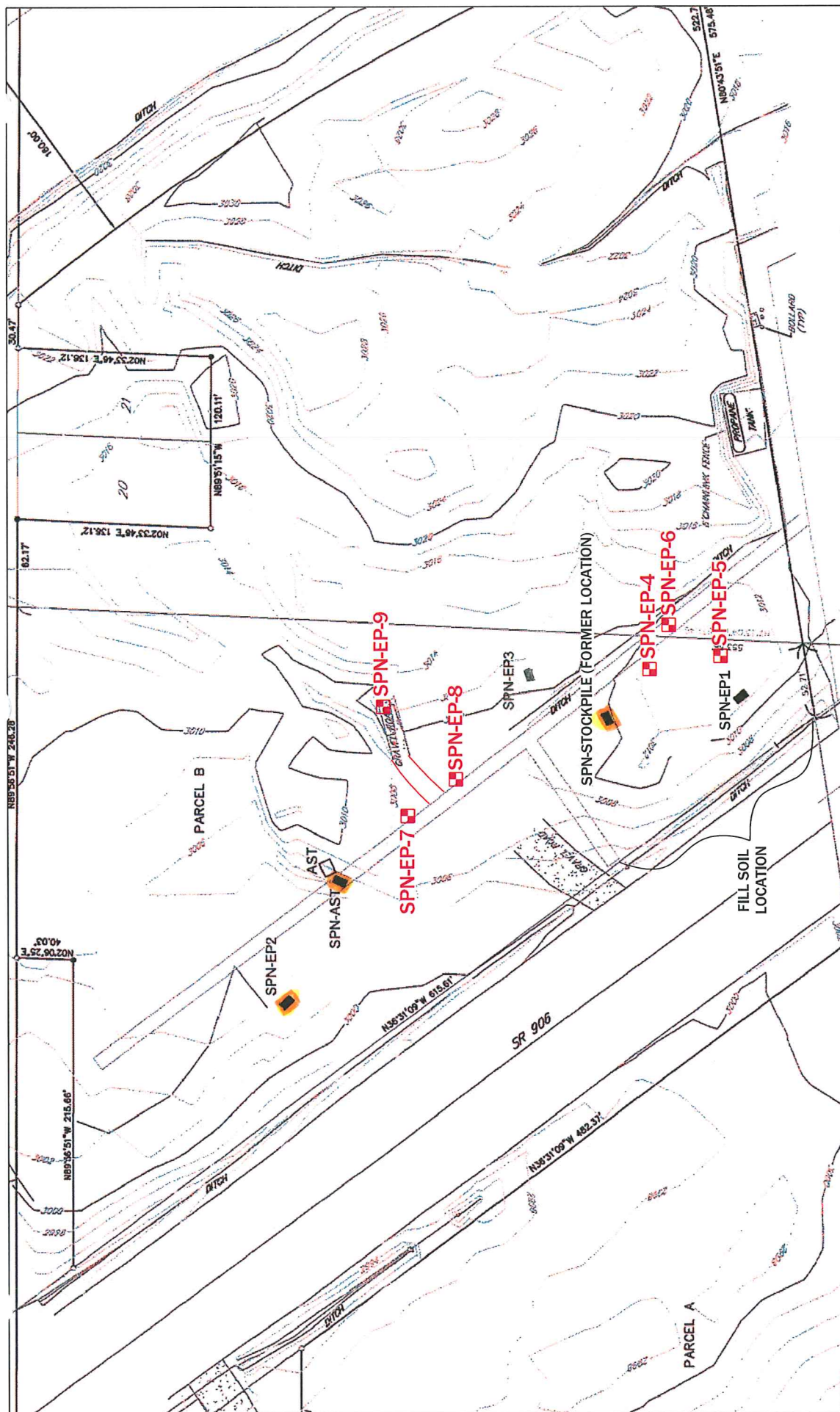
Date Drawn:

2008-321A

Kittitas County Parcel

10/07/08

Address: SR 906, Snoqualmie Pass, Washington



SPN-EP1 ■ Approximate location of ECI exploration pit, November 2007.

AST □ Aboveground storage tank.

SPN-EP-4 ■ (in red) RGI test pit location 10/06/08.

Drawing after Earth Consulting Incorporated, Exploration Pit Location Plan, November 28, 2007.

The Riley Group, Inc.
 17522 BOTHELL WAY NE
 BOTHELL, WASHINGTON 98011

Snoqualmie Summit Supplement Phase II		Figure 3
Project Number	Exploration Pit Location Plan	Date Drawn:
2008-321A	King County East Parcel	10/07/08
Address: SR 906, Snoqualmie Pass, Washington		

Table 1. Summary of Soil Sample Analytical Laboratory Results - Kittitas County Parcel
Snoqualmie Summit Inn Property, Snoqualmie Pass, Washington
The Riley Group, Inc. Project #2008-321A

Sample Number	Date Sampled	Sample Depth	PID	Sheen	TPH Gx	Diesel-range TPH	Oil-range TPH	BTEX				PCB	PAH	Metals
								B	T	E	X			
Kittitas County Parcel - Data collected by others														
SP-EP 2-8	10/30/2007	8	---	---	<2	---	---	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP-3-7 d	10/30/2007	7	---	---	500	2900 ^x	11,000	0.54	3.5	2.8	16	---	---	Pb = 37.9
SP-EP 3-4	10/30/2007	4	---	---	84	---	---	0.039	0.46	0.61	0.94	---	---	---
SP-EP 4-8	10/30/2007	8	---	---	3	---	---	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP 5-7	10/30/2007	7	---	---	<2	---	---	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP 7-8	10/30/2007	8	---	---	<2	---	---	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP 10-5	10/30/2007	5	---	---	110	13,000	870	<0.02	0.05	0.37	1.1	---	---	Pb = 67.0
SP-EP 11-3.5	10/30/2007	3.5	---	---	200	2,500	1,200	<0.02	0.46	2.4	2.2	ND <0.1	---	Pb = 912
Kittitas County Parcel - Data collected by RGI														
SP-EP-13-8.0	10/6/2008	8	0.4	none	<2	<50	<250	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP-14-8.25	10/6/2008	8.25	0.4	none	<2	<50	<250	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP-15-7.5	10/6/2008	7.5	none	none	<2	<50	<250	<0.02	<0.02	<0.02	<0.06	---	---	---
SP EP-16-7.5	10/6/2008	7.5	none	none	<2	<50	<250	<0.02	<0.02	<0.02	<0.06	---	---	---
SP-EP-17-2.0	10/6/2008	2	43.4	yes	---	---	---	---	---	---	---	---	---	---
SP-EP-17-5.0	10/6/2008	5	167	yes	200	2,600	<250	<0.02	0.06	2.6	2.9	---	---	Pb = 4.03
SP-EP-17-8.5	10/6/2008	8.5	3.1	none	3	<50	<250	<0.02	<0.02	<0.02	<0.06	---	---	---
MTCA Method A Soil Cleanup Levels					30/100 ¹	2,000	2,000	0.03	7	6	9	1	0.1 ²	analyte specific

Samples collected 10/30/2007 by Earth Consulting, Inc.

Samples collected October 6, 2008, by The Riley Group, Inc.

All results and detection limits are given in mg/kg.

Sample Depth = Groundwater sample depth is feet below ground surface (bgs).

PID = Photoionization Detector

TPH = Total Petroleum Hydrocarbons

Gasoline TPH determined using Northwest Method NWTPH Gx

¹ The higher cleanup level applies for gasoline mixtures without benzene and the total of ethyl benzene, toluene and xylene are less than 1% of the gasoline mixture.

Diesel and Oil-range TPH determined using Northwest Method NWTPH Dx with silica gel cleanup.

^x The pattern of peaks is not indicative of diesel according to the analytical report

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

Metals determined using EPA Test Method 200.8

Pb = Total Lead

PCBs = Polychlorinated biphenyl, determined using EPA Test Method 8080.

PAH = Poly nuclear aromatic hydrocarbons, determined using EPA Test Method 8270C SIM

² Cleanup level for carcinogenic PAHs based on total weighted sums using the toxicity equivalency methodology in WAC 173 340 708(8)

---- = not analyzed or not applicable.

ND, Not Detected at noted analytical detection limit.

MTCA Method A Cleanup Level, Ecology Model Toxics Control Act Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340-900, Table 740-1).

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

Pb =
250

Table 2. Summary of Soil Sample Analytical Laboratory Results - East King County Parcel
Snoqualmie Summit Inn Property, Snoqualmie Pass, Washington
The Riley Group, Inc. Project #2008-321A

Sample Number	Date Sampled	Sample Depth	PID	Sheen	TPH Gx	Diesel-range TPH	Oil-range TPH	BTEX				PCB	PAH	Metals
								B	T	E	X			
East King County Parcel - Data Collected by Others														
SPN-EP1-4	10/30/2007	4	---	---	---	<50	<250	---	---	---	---	---	---	Pb = 5.85
SPN-EP2-1	10/30/2007	1	---	---	---	1,200 ^x	6,300	---	---	---	---	---	---	---
SPN-EP3-2	10/30/2007	2	---	---	---	<50	<250	---	---	---	---	---	---	Pb = 4.79
SPN-AST1	10/30/2007	1	---	---	---	1,500 ^x	6,700	---	---	---	---	---	---	---
SPN-Stockpile	10/30/2007	---	----	---	---	10,000	63,000	---	---	---	---	---	0.37	Pb = 7.43
East King County Parcel - Data Collected by RGI														
SPN-EP-4-2.5	10/6/2008	2.5	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-4-6.0	10/6/2008	6	0.4	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-4-11.0	10/6/2008	11	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-5-0.5	10/6/2008	0.5	0.4	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-5-3.0	10/6/2008	3	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-5-7.5	10/6/2008	7.5	0.4	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-5-9.0	10/6/2008	9	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-6-0.3	10/6/2008	0.3	0.4	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-6-2.5	10/6/2008	2.5	0.4	none	---	140 ^x	770	---	---	---	---	---	---	---
SPN-EP-6-4.5	10/6/2008	4.5	0.4	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-6-5.0	10/6/2008	5	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-6-8.5	10/6/2008	8.5	0.4	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP 7-7.3	10/6/2008	7.3	0.9	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-8-7.0	10/6/2008	7	0.5	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-9-0.5	10/6/2008	0.5	none	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-9-2.0	10/6/2008	2.0	none	none	---	<50	<250	---	---	---	---	---	---	---
SPN-EP-9-3.5	10/6/2008	3.5	none	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-9-5.5	10/6/2008	5.5	none	none	---	---	---	---	---	---	---	---	---	---
SPN-EP-9-7.5	10/6/2008	7.5	none	none	---	<50	<250	---	---	---	---	---	---	---
MTCA Method A Soil Cleanup Levels					30/100 ¹	2,000	2,000	0.03	7	6	9	1	0.1 ²	analyte specific

Samples collected 10/30/2007 by Earth Consulting, Inc.

Samples collected October 6, 2008, by The Riley Group, Inc.

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Sample Depth = Groundwater sample depth is feet below ground surface (bgs).

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¹ The higher cleanup level applies for gasoline mixtures without benzene and the total of ethyl benzene, toluene and xylene are less than 1% of the gasoline mixture.

Diesel and Oil-range TPH determined using Northwest Method NWTPH Dx with silica gel cleanup.

^x The pattern of peaks is not indicative of diesel according to the analytical report

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

Metals determined using EPA Test Method 200.8

Pb = Total Lead

PCBs = Polychlorinated biphenyl, determined using EPA Test Method 8080.

PAH = Poly nuclear aromatic hydrocarbons, determined using EPA Test Method 8270C SIM

² Cleanup level for carcinogenic PAHs based on total weighted sums using the toxicity equivalency methodology in WAC 173 340 708(8)

---- = not analyzed or not applicable.

ND, Not Detected at noted analytical detection limit.

MTCA Method A Cleanup Level, Ecology Model Toxics Control Act Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340-900, Table

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

Pb =
250

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

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TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 14, 2008

Fred Becker, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE, Suite A
Bothell, WA 98011

Dear Mr. Becker:

Included are the results from the testing of material submitted on October 7, 2008 from the Snoqualmie Summit Ph II 2008-321A, F&BI 810080 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2008 by Friedman & Bruya, Inc. from the The Riley Group, Inc. Snoqualmie Summit Ph II 2008-321A, F&BI 810080 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>The Riley Group, Inc.</u>
810080-01	SP-EP-16-7.5
810080-02	SP-EP-15-7.5
810080-03	SP-EP-17-5.0
810080-04	SP-EP-17-8.5
810080-05	SP-EP-17-2.0
810080-06	SP-EP-13-8.0
810080-07	SP-EP-14-8.25
810080-08	SPN-EP-8-7.0
810080-09	SPN-EP-7-7.3
810080-10	SPN-EP-9-.5
810080-11	SPN-EP-9-2.0
810080-12	SPN-EP-9-3.5
810080-13	SPN-EP-9-5.5
810080-14	SPN-EP-9-7.5
810080-15	SPN-EP-4-2.5
810080-16	SPN-EP-4-6.0
810080-17	SPN-EP-4-11.0
810080-18	SPN-EP-5-.5
810080-19	SPN-EP-5-3.0
810080-20	SPN-EP-5-7.5
810080-21	SPN-EP-6-0.3
810080-22	SPN-EP-6-2.5
810080-23	SPN-EP-6-4.5
810080-24	SPN-EP-6-5.0
810080-25	SPN-EP-6-8.5
810080-26	SPN-EP-5-9.0

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

Date Extracted: 10/08/08

Date Analyzed: 10/08/08 and 10/09/08

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
SP-EP-16-7.5 810080-01	<0.02	<0.02	<0.02	<0.06	<2	93
SP-EP-15-7.5 810080-02	<0.02	<0.02	<0.02	<0.06	<2	101
SP-EP-17-5.0 d 810080-03 1/10	<0.02	0.06	2.6	2.9	200	111
SP-EP-17-8.5 810080-04	<0.02	<0.02	<0.02	<0.06	3	92
SP-EP-13-8.0 810080-06	<0.02	<0.02	<0.02	<0.06	<2	97
SP-EP-14-8.25 810080-07	<0.02	<0.02	<0.02	<0.06	<2	103
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

Date Extracted: 10/08/08

Date Analyzed: 10/08/08 and 10/09/08

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

**Sample Extracts Passed Through a
Silica Gel Column Prior to Analysis**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u> <u>(% Recovery)</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(Limit 50-150)
SP-EP-16-7.5 810080-01	<50	<250	91
SP-EP-15-7.5 810080-02	<50	<250	85
SP-EP-17-5.0 810080-03	2,600	<250	90
SP-EP-17-8.5 810080-04	<50	<250	87
SP-EP-13-8.0 810080-06	<50	<250	90
SP-EP-14-8.25 810080-07	<50	<250	86
SPN-EP-8-7.0 810080-08	<50	<250	91
SPN-EP-7-7.3 810080-09	<50	<250	88
SPN-EP-9-2.0 810080-11	<50	<250	91
SPN-EP-9-7.5 810080-14	<50	<250	93
SPN-EP-4-2.5 810080-15	<50	<250	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

Date Extracted: 10/08/08

Date Analyzed: 10/08/08 and 10/09/08

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

**Sample Extracts Passed Through a
Silica Gel Column Prior to Analysis**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(% Recovery)
			(Limit 50-150)
SPN-EP-4-11.0 810080-17	<50	<250	93
SPN-EP-5-3.0 810080-19	<50	<250	91
SPN-EP-6-2.5 810080-22	140 x	770	88
SPN-EP-6-5.0 810080-24	<50	<250	126
SPN-EP-6-8.5 810080-25	<50	<250	92
SPN-EP-5-9.0 810080-26	<50	<250	141
Method Blank	<50	<250	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

**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: 810080-07 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (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)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	96	70-130
Toluene	mg/kg (ppm)	0.5	98	70-130
Ethylbenzene	mg/kg (ppm)	0.5	102	70-130
Xylenes	mg/kg (ppm)	1.5	103	70-130
Gasoline	mg/kg (ppm)	20	105	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

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

Laboratory Code: 810080-15 (Matrix Spike) Silica Gel

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	<50	126	126	50-150	0

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	127	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

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

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

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

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

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

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

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

8100 30 (NP)

Send Report To Fred Becker
Company Riley Group
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98011
Phone # 425-415-0551 Fax # 425-415-0311

SAMPLE CHAI OF CUSTODY

ME 10/07/08

VS 10/07/08

SAMPLERS (signature) Nicole Kapise Page # 1 of 3
PROJECT NAME/NO. Snagelme Summit Ph II PO #
2008-321A
REMARKS

TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by:

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	PCB	
SP-EP-16-7.5	01 A-F	10/6/08	9:10	Soil	6	X	X	X				Hold
SP-EP-15-7.5	02 A-F		10:10		6	X	X	X				
SP-EP-17-5.0	03 A-E		10:50		5	X	X	X				
SP-EP-17-8.5	04		11:10		5	X	X	X				
SP-EP-17-2.0	05 A-E		10:40		5	X	X	X				Hold ONLY
SP-EP-13-8.0	06 A-F		11:50		6	X	X	X				
SP-EP-14-8.25	07 A-F		12:45		6	X	X	X				
SPN-EP-8-7.0	08		13:45		1	X						
SPN-EP-7-7.3	09		14:10		1	X						
SPN-EP-9-1.5	10		14:25	↓	1							X

Friedman & Bruyo, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>Nicole Kapise</u>	Nicole Kapise	RG	10/7/08	2pm
<u>Michael Erdich</u>	Michael Erdich	RG	1	2:45
<u>Dan Wil</u>		Samples received at		

8106, 80 (NP)

Send Report To Fred Becker
Company Riley Group
Address 17522 Bethell Way NE
City, State, ZIP Bethell, WA 98011
Phone # 425-415-0551 Fax # 425-415-0311

SAMPLE CHAI OF CUSTODY

ME 10/7/08

VS21523

SAMPLERS (signature) Nicole Vapire
PROJECT NAME/NO. PO #
REMARKS extended

Page # 2 of 3
TURNAROUND TIME
☒ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by:
SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☒ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	IIS	
SN-EP-9-2.0	11	10/6/08	14:30	Soil	1	X						HOLD
SN-EP-9-3.5	12		14:35		1							X
SN-EP-9-5.5	13		14:40		1							X
SN-EP-9-7.5	14		14:50		1	X						
SN-EP-4-2.5	15		15:55		1	X						
SN-EP-4-6.0	16		15:35		1							X
SN-EP-4-11.0	17		15:50		1	X						
SN-EP-5-.5	18		16:20		1							X
SN-EP-5-3.0	19		16:30		1	X						
SN-EP-5-7.5	20		16:50	✓	1							X

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished to: <u>Nicole Vapire</u>	<u>Nicole Vapire</u>	<u>LG1</u>	<u>10/6/08</u>	<u>2pm</u>
Received by: <u>Fred Becker</u>	<u>Michael Erickson</u>	<u>FRB</u>	<u>10/7/08</u>	<u>2:45</u>
Relinquished to:				
Received by:	<u>Nicole Vapire</u>	<u>Samples received at</u>		

Friedman & Bruyno, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

810.380 NP

SAMPLE CHAI OF CUSTODY

NE 10/17/00 10:10:00

Send Report To Fred BeckerCompany Riley GroupAddress 17522 Bathell Way NECity, State, ZIP Bathell, WA 98011Phone # 425-415-0551 Fax # 425-415-0311SAMPLERS (signature) [Signature]PROJECT NAME/NO. REMARKS SAMPLERS (signature) [Signature]PO # Page # 3 of 3

TURNAROUND TIME

☒ Standard (2 Weeks)☐ RUSHRush charges authorized by:

SAMPLE DISPOSAL

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED					Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	
SPN-EP-5-9.0		10/6/08	16:45	Soil	1	X					HOLD ONLY
SPN-EP-6-0.3	21		17:03		1						
SPN-EP-6-2.5	22		17:10		1	X					
SPN-EP-6-4.5	23		17:15		1						
SPN-EP-6-5.0	24		17:20		1	X					
SPN-EP-6-8.5	25		17:30	↓	1	X					
SPN-EP-5-9.0	26	10/6/08	16:45	Soil	1	X					

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE

Relinquished to:

[Signature]

Received by:

Relinquished to:

Received by:

[Signature]

PRINT NAME

Nilda LopezMichelle Lopez

COMPANY

LG1FE B-

TIME

2pm2:45 PM

DATE

10/6/0810/7/08Plas received at 9:00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 17, 2008

Fred Becker, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE, Suite A
Bothell, WA 98011

Dear Mr. Becker:

Included are the additional results from the testing of material submitted on October 7, 2008 from the Snoqualmie Summit Ph II 2008-321A, F&BI 810080 project. There are 5 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG1017R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2008 by Friedman & Bruya, Inc. from the The Riley Group, Inc. Snoqualmie Summit Ph II 2008-321A, F&BI 810080 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>The Riley Group, Inc.</u>
810080-01	SP-EP-16-7.5
810080-02	SP-EP-15-7.5
810080-03	SP-EP-17-5.0
810080-04	SP-EP-17-8.5
810080-05	SP-EP-17-2.0
810080-06	SP-EP-13-8.0
810080-07	SP-EP-14-8.25
810080-08	SPN-EP-8-7.0
810080-09	SPN-EP-7-7.3
810080-10	SPN-EP-9-.5
810080-11	SPN-EP-9-2.0
810080-12	SPN-EP-9-3.5
810080-13	SPN-EP-9-5.5
810080-14	SPN-EP-9-7.5
810080-15	SPN-EP-4-2.5
810080-16	SPN-EP-4-6.0
810080-17	SPN-EP-4-11.0
810080-18	SPN-EP-5-.5
810080-19	SPN-EP-5-3.0
810080-20	SPN-EP-5-7.5
810080-21	SPN-EP-6-0.3
810080-22	SPN-EP-6-2.5
810080-23	SPN-EP-6-4.5
810080-24	SPN-EP-6-5.0
810080-25	SPN-EP-6-8.5
810080-26	SPN-EP-5-9.0

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP-EP-17-5.0	Client:	The Riley Group, Inc.
Date Received:	10/07/08	Project:	2008-321A, F&BI 810080
Date Extracted:	10/16/08	Lab ID:	810080-03
Date Analyzed:	10/16/08	Data File:	810080-03.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower	Upper
Holmium	98	Limit:	Limit:
		60	125

Analyte:	Concentration mg/kg (ppm)
----------	------------------------------

Lead	4.03
------	------

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2008-321A, F&BI 810080
Date Extracted:	10/16/08	Lab ID:	I8-393 mb
Date Analyzed:	10/16/08	Data File:	I8-393 mb.016
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower	Upper
Holmium	96	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)

Lead	<1
------	----

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/08

Date Received: 10/07/08

Project: Snoqualmie Summit Ph II 2008-321A, F&BI 810080

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 810149-35 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Lead	mg/kg (ppm)	1.79	1.64	9	0-20

Laboratory Code: 810149-35 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Lead	mg/kg (ppm)	50	1.79	104	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	108	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

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

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

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

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

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

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

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

8100 80 (NP)

SAMPLE CHAL. OF CUSTODY

ME 10/07/08

VSC '05

Send Report To: Fred BackerCompany: Riley GroupAddress: 17522 Bothell Way NECity, State, ZIP: Bothell, WA 98011Phone # 425-415-0551 Fax # 425-415-0311

SAMPLERS (signature)

PROJECT NAME/NO.

Snoqualmie Summit Ph II2008-321A

REMARKS

Page #

of

TURNAROUND TIME

☒ Standard (2 Weeks)☐ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

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

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	RTEX by 8021B	VOCs by 8260	SVOCs by 8270	ILFS	
SP-EP-10-15	01 A-F	10/6/08	9:10	Soil	6	X	X	X				✓ per PB 246-TAT
SP-EP-15-7.5	02 A-F		10:10		6	X	X	X				10/15/08
SP-EP-17-5.0	03 A-E		10:30		5	X	X	X				MI
SP-EP-17-8.5	04		11:10		5	X	X	X				
SP-EP-17-2.0	05 A-E		10:40		15	X	X	X				Hold ONLY
SP-EP-13-8.0	06 A-F		11:50		6	X	X	X				
SP-EP-14-8.25	07 A-F		12:45		6	X	X	X				
SN-EP-8-7.0	08		13:45		1	X						
SN-EP-7-7.3	09		14:10		1	X						
SN-EP-9-5	10		14:25		1							

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE

Relinquished by:

Nicole Kapitz

Received by:

Nicole Kapitz

Relinquished by:

Michael Erdich

Received by:

ODM 12.1.1

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