

November 22, 2011

Mr. Tracey Copeland Hi Tech, Inc. 16822 Pacific Avenue South Spanaway, WA 98387

Re: Supplemental Phase II Subsurface Investigation Parkland Collision 160 108th Street South Tacoma, Washington RGI Project No. T2011-066B

Dear Mr. Copeland:

This letter report summarizes The Riley Group, Inc.'s (RGI's) *Supplemental Phase II Subsurface Investigation* (Phase II) findings for the Parkland Collision property located at 160 108th Street South in Tacoma, Washington (hereafter referred to as the Site, Figure 1).

The Phase II was performed at the request of Hi Tech, Inc. (Client). The scope of work for this project was performed in accordance with our *Supplemental Phase II Subsurface Investigation Proposal* dated October 17, 2011.

PROJECT SETTING & BACKGROUND

The Site consists of two automobile service buildings, referred to herein as Parkland Collision (to the west) and the vehicle customization building (to the east). Based on the significant elevation drop directly south of the Site, inferred groundwater flow direction is generally to the south-southwest.

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

RGI reviewed a Phase I ESA for the Site prepared by others for U.S. Bank. Based on the Phase I ESA findings, the recognized environmental conditions (RECs) for the Site included:

Historical Underground Storage Tanks (USTs): Documentation reviewed for the Site indicated USTs existed on the Site, associated with historical fueling. The USTs may have been removed or closed in place. The status of the former USTs and associated subsurface conditions were unknown.

The complete Phase I ESA findings are provided under separate cover.

PRELIMINARY PHASE II SUBSURFACE INVESTIGATION

RGI completed a Preliminary Phase II, on behalf of the Client, to address the RECs identified above. The scope of work included a geophysical survey and advancement of a total of twelve test probes at the Site: two inferred downgradient of the two garage buildings and an associated

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paint mixing room (B8 and B10), one at the location where the sanitary sewer lines for the two buildings converge (B9), and nine in the vicinity of the suspect UST area (B1 through B7, B11 and B12, shown in Figure 2). The Preliminary Phase II findings included:

- No indications of significant adverse environmental impacts were encountered in test probes advanced inferred downgradient of the two service station buildings and an associated paint mixing area (B8 and B10). In addition, no contaminants of concern (COCs) were identified in soils collected from the test probe advanced in the vicinity of the sanitary sewer (B9).
- A geophysical survey identified a suspected UST and a backfilled area for another former UST, both located north of the eastern Site building (Figure 2). A release of total petroleum hydrocarbons (TPH) was identified in soils in the vicinity of the former UST area. Gasoline TPH, associated volatiles (benzene, ethylbenzene and total xylenes), diesel and oil TPH were identified at concentrations above their respective MTCA Method A Soil Cleanup Levels for Unrestricted Land Use. The Preliminary Phase II soil analytical data is summarized in the attached Table 1 and Figure 2. Soil analytical data suggested that the TPH in soil may extend beneath the Site's vehicle customization building. The eastern and western lateral extent of the TPH plume were unverified.
- Discontinuous occurrences of seasonal groundwater, perched above the underlying glacial till, were encountered in three of the twelve borings. Perched water was also encountered within the backfill of the suspect former UST area. The COCs were identified in the backfill water at concentrations above their respective MTCA Method A Groundwater Cleanup Levels. Concentrations of the COCs were either non-detectable or below their respective MTCA cleanup levels in the groundwater samples from the other three borings, including directly inferred downgradient of the suspect closed-in-place UST. The Preliminary Phase II groundwater analytical data is summarized in the attached Table 2 and Figure 3.

On October 18, 2011, the Client authorized RGI to perform this Supplemental Phase II.

SCOPE OF SERVICES

The scope of services performed for this project included the following tasks:

- Performed public and private utility locating in an attempt to identify the location of the buried metallic utilities servicing the Site.
- Advanced seven soil borings in suspect areas, to a maximum depth of 14 feet below ground surface (bgs) using direct push techniques.
- Collected soil and (where encountered) groundwater grab samples at all test probe locations for laboratory analysis of potential COCs.
- 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 Uses and MTCA Method A Cleanup Levels for Ground Water (WAC 173-340).
- Prepared this letter report presenting our findings, observations, conclusions, and recommendations.

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 Uses (considered protective of drinking water) and the MTCA Method A Cleanup Levels for Ground Water. The MTCA Method A soil and groundwater cleanup levels are summarized in the attached Table 1 and 2, respectively.

SUPPLEMENTAL PHASE II SUBSURFACE INVESTIGATION

On October 24, 2011, RGI advanced a total of seven soil borings at the Site to a maximum depth of 14 feet bgs (Figure 2). Five borings (B13 through B16, and B19) were advanced in the vicinity of the suspect backfill (former UST) area and suspect closed-in-place UST. The borings were advanced at locations intended to delineate the lateral extent of the previously identified release. The two remaining borings (B17 and B18) were advanced inferred downgradient of the Site vehicle customization building, intended to establish conservative points of compliance for the southern extent of the TPH plume.

Soil borings were advanced using a truck-mounted AMS PowerProbe 9630 strataprobe. A strataprobe is a hydraulic and percussion drive-point sampler. Soil boring logs are available in Appendix B.

All drilling and sampling equipment were cleaned prior to commencing probing and in between sampling and boring locations. All field sampling and decontamination procedures were performed in accordance with RGI's standard sampling and decontamination protocols.

All soil cuttings and purge and decontamination water were contained on the Site in one 30-gallon drum. *Disposal of the drum is not included in the scope of work.*

Soil Sampling

During all drilling 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). Soils beneath the Site generally consisted of approximately eight to twelve feet of silty sand with varying amounts of clay and/or gravel (weathered till) over dense silty sand (till) to the maximum depth explored (14 feet bgs). Interbedded layers of peat, up to one foot thick, were noted in borings B14 through B17 at depths of approximately 2 to 8 feet bgs.

A total of 27 discrete soil samples were collected during this project. In general, samples were collected at 3- to 4-foot depth intervals and at potentially significant soil interfaces. Soil samples were screened in the field for the presence of volatile organic compounds (VOCs) using a portable photoionization detector (PID) and olfactory methods. PID field screening results are given in Table 1 attached. Field screening results for Site soils ranged from 0.0 to 20.4 volumetric parts per million (Vppm). Petroleum-like odors were observed in boring B13.

Based on our field observations, select soil samples were submitted for laboratory analyses of potential contaminants of concern, listed below. Samples collected for analysis of VOCs were collected using the Ecology-mandated 5035 sample collection method. Samples from the water table interface, exhibiting suspect elevated PID readings, and/or from depths corresponding to potentially significant soil horizons (for example, relative to former USTs, the potentially conductive peat layer, or relative to contaminant detections during the Preliminary Phase II) were selected for laboratory analysis.

Groundwater Sampling

Shallow, perched groundwater was discontinuous throughout the Site; encountered above the dense till in soil borings B13 through B15, B17 and B18, at depths ranging from 8.5 to 10 feet bgs. The water observed in B13, advanced adjacent to and/or inferred downgradient of the former UST areas, could be contributed to or affected by perched backfill water leaching to the underlying till. Groundwater was not encountered above the till in the other two test probes advanced in the vicinity of the former USTs. Where encountered, groundwater exhibited no visible sheen or obvious odors. A groundwater grab sample was collected from each test probe, where encountered, through a temporary 1-inch well using a peristaltic pump and disposable polyvinyl tubing under low-flow conditions. Prior to sample collection, a minimum of three gallons was purged from each borehole.

The groundwater grab samples were submitted for laboratory analysis of select contaminants of concern listed below.

Analytical Laboratory Analysis

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

- > TPH identification (HCID) using Ecology Method NWTPH-HCID.
- Sasoline-range TPH using Ecology Method NWTPH-G.
- > Diesel- and oil-range TPH using Ecology Method NWTPH-Dx with silica gel cleanup¹.
- ▶ BTEX using EPA Method 8021b.

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

LABORATORY ANALYTICAL RESULTS

Analytical results and field screening data, summarized in the attached Tables 1 and 2 and/or Figures 2 and 3, are discussed below. Copies of the analytical laboratory report and associated sample chain-of-custody forms are included in Appendix A.

Soil Sample Results

Gasoline-range TPH (370 milligrams per kilogram, mg/kg) was detected in a soil sample collected from test probe B13, above the applicable MTCA Method A Soil Cleanup Level of 30 mg/kg. Diesel-range TPH (330 mg/kg), toluene (1.7 mg/kg), ethylbenzene (2.3 mg/kg) and total xylenes (3.7 mg/kg) were detected in the soil sample, below their respective MTCA Method A Soil Cleanup Levels for Unrestricted Land Use². Oil-range TPH was not detected in the sample.

Toluene (0.054 mg/kg), ethylbenzene (0.045 mg/kg) and total xylenes (0.21 mg/kg) were detected in the soil sample collected from boring B16, below their respective MTCA Method A Soil Cleanup Levels for Unrestricted Land Use. The contaminants of concern were not detected in soils analyzed from the other test probes at the Site.

Groundwater Grab Sample Results

Sample B13-GW, collected adjacent to and inferred downgradient of the former UST backfill area, contained gasoline-range TPH (5,500 ug/L), and diesel- and oil-range TPH (16,570 ug/L combined pending further characterization of the petroleum product[s]) concentrations above their respective MTCA Method A Groundwater Cleanup Levels³. BTEX (1.6, 21, 9.6, and 16 ug/L, respectively) were encountered in the sample at concentrations below their respective MTCA Method A Groundwater Cleanup Levels.

The contaminants of concern were not detected in the other groundwater samples collected from the Site.

² The applicable MTCA Method A Soil Cleanup Levels are 2,000 mg/kg, 7.0 mg/kg, 6.0 mg/kg, and 9.0 mg/kg, respectively.

³ The applicable MTCA Method A Groundwater Cleanup Levels are 800 ug/L and 500 ug/L, respectively.

CONCLUSIONS

Based on the findings of the Preliminary Phase II and this Supplemental Phase II Subsurface Investigation, the approximate lateral extents of the adversely affected soils are depicted in Figure 2. The adversely affected soils may extend beneath the vehicle customization building to the south but were not encountered on the far side of the building (south and southwest, inferred downgradient). Soil sample analytical results appear to confirm that the vertical extent of the adversely affected soils is limited to the immediate vicinity of the former UST nests or the underlying dense till.

Discontinuous areas of shallow, perched groundwater were encountered at the site. Shallow groundwater beneath and southwest-adjacent to the former backfill area appears to be adversely affected from perched water leaching from the backfill material. Shallow groundwater samples collected adjacent to and inferred downgradient from the suspect closed-in-place UST did not contain elevated concentrations of the contaminants of concern. No other recoverable groundwater was encountered in the vicinity of the suspect former UST areas.

RECOMMENDATIONS

RGI has completed a Corrective Action Plan (CAP) for the site based on preliminary findings of this Phase II and the previous subsurface investigation. The Site is also being enrolled in Ecology's Voluntary Cleanup Program (VCP). A copy of the CAP, Preliminary Phase II report, and previous Phase I ESA report have been submitted to Ecology, along with the VCP application, for review and comment.

RGI recommends that a copy of this Supplemental Phase II report be submitted to Ecology for review with the other pertinent documents. RGI also recommends that a copy of the reports referenced above be submitted to the TPCHD for review and comment. TPCHD requires a fee for the review service and may require issuance of a UST permit application for administrative purposes.

LIMITATIONS

This report is the property of RGI, Hi Tech, Inc., and its 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 Parkland Collision property located at $160 - 108^{\text{th}}$ Street South in Tacoma, 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 borings drilled on the 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, RGI should be requested to reevaluate the recommendations in this report. Supplemental Phase II Subsurface Investigation Parkland Collision Property, Tacoma, WA Page 7 of 7

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We trust that this letter report meets your current project needs and appreciate the opportunity to be of service. Please contact us at (253) 565-0552, or by e-mail at lsmith@riley-group.com, if you have any questions or need additional information.

Sincerely,

THE RILEY GROUP, INC.

Smith, CHM

Senior Project Manager

Elizabeth Rachman, LG, LHG Senior Hydrogeologist



Attachments

Figure 1 – Site Vicinity Map Figure 2 – Site Plan with Soil Analytical Results Figure 3 – Site Plan with Groundwater Analytical Results Table 1 – Summary of Soil Sample Analytical Laboratory Results Table 2 – Summary of Groundwater Grab Sample Results Appendix A – Analytical Laboratory Reports & Chains of Custody Appendix B – Soil Boring Logs

Report Distribution

Mr. Tracey Copeland, Hi Tech, Inc. (one bound copy and PDF)





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|---------------------------------------|------------|--------------|----------|----------------|------------|-------|------------|--------------------|
| | Depth | Gas | В | Т | E | X | | DSL/Oil |
| | 5-6 | 500 | 0.13 | _ | | | | 8,310 |
| | 8-9 | 4.5 | ND | NE | - | _ | | 550 |
| | 11-12 | 3.5 | ND | NE | 0.13 | 3 0.0 | 78 | ND |
| · | | | | | | | | |
| , | | - | | B1 | | | | |
| | Depth | Gas | В | Т | Е | X | | SL/Oil |
| | 5.5-6 | 820 | ND | 3.0 | 2.1 | 3.9 | | <mark>8,500</mark> |
| | 11-12 | ND | ND | ND | 0.057 | 0.24 | | ND |
| | | | | B4 | | | | |
| / | Depth | Gas | В | T | Е | Х | DS | SL/Oil |
| | 4-5 | ND 1 | | | ND | ND | _ | ND |
| | | 1.101. | 1.0 | | 1,12 | 1.12 | | 112 |
| | | | | B2 | , | | | |
| / | Depth | Gas | В | T | E | X | Т | OSL/Oil |
| | 4-5 | 720 | ND | ND | 0.94 | | | 23,700 |
| | 6-6.5 | 340 | | 0.045 | | _ | | 17,500 |
| | | | | | | 1 | | |
| | | | |] | B15 | | | |
| | Depth | Gas | В | Т | | 3 | Х | DSL/C |
| | 5-6 | ND | ND | NI | D N | D | ND | ND |
| | r | | | - D2 | <u> </u> | | | |
| | Depth | Gas | В | <u>B3</u> T | E | X | Т | DSL/Oil |
| ; | 4-5 | 110 | ь ND | 0.19 | 0.14 | | _ | ND |
| | 7-8 | ND | ND | 0.19 ND | 0.14 ND | 2.2 | _ | ND |
| | /-0 | ND | ND | ND | ND | INL | | |
| | | | |] | B14 | | | |
| | Depth | Gas | В | Т | | 3 | Х | DSL/C |
| | 4-5 | ND | ND | NI | D N | D | ND | ND |
| | | | | | D7 | | | |
| | Depth | C | р | | B7 | - | v | |
| | | Gas | B | T | | | X | DSL/0 |
| | 6-7 8-9 | 1,000 130 | ND ND | 0.7 | | | 9.1 1.3 | 230 |
| | 9-10 | 2,700 | ND | 2.2 | | 4 | 1.5 50 | 130 |
| | 11-12 | ND | ND | NI | | _ | ND | |
| | 11-12 | ND | ND | INI | | | ND | |
| | | | | 1 | B12 | | | |
| | Depth | Gas | В | T | | 3 | Х | DSL/C |
| | 5-6 | 240 | 0.32 | _ | | | 28 | ND |
| · · · · · · · · · · · · · · · · · · · | 9-10 | ND | ND | NI | | | ND | ND |

| | Apj | proximat | e Scale: 1"=3 | 0' | | | | |
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| | 0 | 15 | 30 | | 60 | N | | |
| Parklan | d Collision | Property | / | | Figure | e 2 | | |
| oject Number | Site Plan | with Soil | Analytical R | ogulta | Date | Drawn: | | |
|)11-066B | Sile Flair | with Son | Analytical N | esuits | 11 | /2011 | | |
| Address: 160 - 108th Street South, Tacoma, Washington 98444 | | | | | | | | |
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| sjeet i tainoei | She I fall while Ofoundwater | Date Dia |
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| 11-066B | Analytical Results | 11/201 |
| ddress: 160 | - 108th Street South, Tacoma, Washingt | on 98444 |

| Sample | Sample | Sample | DID | а три | | BT | EX | | | | | HCID | | NAG |
|-----------|--------|----------|------|---------|---------|---------|---------|---------|----------------|---------|----------|--------|-----------|------|
| Number | Depth | Date | PID | Gas TPH | В | Т | Ε | X | Diesel TPH | Oil TPH | Gasoline | Diesel | Heavy Oil | VOCs |
| B1-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B1-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B1-5.5-6 | 5.5-6 | 09/16/11 | 0.0 | 820 | ND<0.02 | 3.0 | 2.1 | 3.9 | 1,300 x | 7,200 | D>20 | ND<50 | D>250 | |
| B1-7-8 | 7-8 | 09/16/11 | 0.2 | | | | | | | | | | | |
| B1-11-12 | 11-12 | 09/16/11 | 0.0 | | ND<0.02 | ND<0.02 | 0.057 | 0.24 | | | ND<20 | ND<50 | ND<250 | |
| B1-12-13 | 12-13 | 09/16/11 | | | | | | | | | | | | |
| B2-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B2-4-5 | 4-5 | 09/16/11 | 16.7 | 720 | ND<0.02 | ND<0.02 | 0.94 | 11 | 4,700 x | 19,000 | D>20 | D>50 | D>250 | |
| B2-6-6.5 | 6-6.5 | 09/16/11 | 12.6 | 340 | ND<0.02 | 0.045 | 0.50 | 3.5 | 3,500 x | 14,000 | D>20 | D>50 | D>250 | |
| B2-8-9 | 8-9 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B2-9.5-10 | 9.5-10 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B3-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B3-4-5 | 4-5 | 09/16/11 | 0.0 | 110 | ND<0.02 | 0.19 | 0.14 | 2.3 | ND<50 | ND<250 | D>20 | D>50 | ND<250 | |
| B3-5.5-6 | 5.5-6 | 09/16/11 | 0.2 | | | | | | | | | | | |
| B3-6-7 | 6-7 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B3-7-8 | 7-8 | 09/16/11 | 0.0 | ND<2 | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | | | | |
| B3-9-10 | 9-10 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B4-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B4-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B4-4-5 | 4-5 | 09/16/11 | 0.0 | | ND<0.02 | ND<0.02 | 0.047 | 0.49 | | | ND<20 | ND<50 | ND<250 | |
| B4-6-6.5 | 6-6.5 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B4-8-9 | 8-9 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B4-9-10 | 9-10 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B5-0-1 | 0-1 | 09/16/11 | 0.0 | | | | | | | | | | | |

| Fable 1 Continued. Summary of Soil Sample Analytical Laboratory Results | | | | | | | | | | | | | | |
|---|----------------------|----------|----------|---------------------|-----------|---------|---------|---------|------------|---------|---------------------|--------|-----------|---------------------|
| Parkland | | - | • | | 0044 | | | | | | | | | |
| 160 - 108t | | | | 0 | ton 98444 | • | | | | | | | | |
| The Riley Sample | Group, Sample | Sample | ect #120 | 11-000 | | BT | EX | | | | 1 | HCID | | |
| Sample Number | Depth | Date | PID | Gas TPH | В | T | EX | X | Diesel TPH | Oil TPH | Gasoline | Diesel | Heavy Oil | VOCs |
| B5-2.5-3 | 2.5-3 | 09/16/11 | 0.0 | <u> </u> | | | | | | | | | | |
| B5-5-6 | 5-6 | 09/16/11 | 2.1 | 500 | 0.13 | 0.54 | 2.3 | 3.5 | 610 x | 7,700 | D>20 | ND<50 | D>250 | |
| B5-7-8 | 7-8 | 09/16/11 | 1.4 | | | | | | | | | | | |
| B5-8-9 | 8-9 | 09/16/11 | 51.4 | 4.5 | ND<0.02 | ND<0.02 | 0.040 | 0.065 | 550 x | ND<250 | | | | |
| B5-11-12 | 11-12 | 09/16/11 | 36.7 | 3.5 | ND<0.02 | ND<0.02 | 0.13 | 0.078 | ND<50 | ND<250 | | | | |
| B6-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B6-2-3 | 2-3 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B6-4.5-5.5 | 4.5-5.5 | 09/16/11 | 1.2 | | ND<0.02 | 0.086 | 0.076 | 0.29 | | | ND<20 | ND<50 | ND<250 | |
| B6-6-7 | 6-7 | 09/16/11 | 0.2 | | | | | | | | | | | |
| B6-11-12 | 11-12 | 09/16/11 | 0.0 | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B7-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B7-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B7-5-6 | 5-6 | 09/16/11 | 57.8 | | | | | | | | | | | |
| B7-6-7 | 6-7 | 09/16/11 | | 1,000 | ND<0.1 | 0.76 | 5.0 | 9.1 | 1,000 | ND<250 | | | | |
| B7-7-8 | 7-8 | 09/16/11 | 84.2 | | | | | | | | | | | |
| B7-8-9 | 8-9 | 09/16/11 | 112.4 | 130 | ND<0.1 | 0.12 | 0.63 | 1.3 | 230 | ND<250 | | | | |
| B7-9-10 | 9-10 | 09/16/11 | 26.7 | 2,700 | ND<0.4 | 2.2 | 24 | 50 | 130 | ND<250 | | | | |
| B7-11-12 | 11-12 | 09/16/11 | 0.2 | ND<2 | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | | | | |
| B8-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B8-3-4 | 3-4 | 09/16/11 | 3.6 | | ND<0.03 | ND<0.05 | ND<0.05 | ND<0.1 | | | ND<20 | ND<50 | ND<250 | ND |
| B8-4-5 | 4-5 | 09/16/11 | | | | | | | | | | | | |
| B8-5-6 | 5-6 | 09/16/11 | 3.4 | | | | | | | | | | | |
| B8-6-7 | 6-7 | 09/16/11 | | | | | | | | | | | | |
| B8-7-8 | 7-8 | 09/16/11 | 0.0 | | | | | | | | | | | |
| | MTCA M Soil Clean | | | 100/30 ¹ | 0.03 | 7 | 6 | 9 | 2,0 |)00 | 100/30 ¹ | 2,000 | 2,000 | Analyte Specific |

| Table 1 C Parkland | | | v | oil Sampl | le Analyt | ical Labo | oratory F | Results | | | | | | |
|-------------------------|----------------------|-----------|----------|---------------------|-----------|-----------|-----------|---------|------------|---------|---------------------|--------|-----------|---------------------|
| 160 - 108t The Riley | h Street | South, Ta | acoma, V | 0 | on 98444 | l I | | | | | | | | |
| Sample | Sample | Sample | PID | Gas TPH | | BT | EX | | Diesel TPH | Oil TPH | | HCID | | VOCs |
| Number | Depth | Date | PID | Gas IPH | В | Т | Е | X | Diesei IPH | OII IPH | Gasoline | Diesel | Heavy Oil | vocs |
| B8-10-11 | 10-11 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B8-11-12 | 11-12 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-2-3 | 2-3 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-3-4 | 3-4 | 09/16/11 | | | | | | | | | | | | |
| B9-4-5 | 4-5 | 09/16/11 | 0.0 | | ND<0.03 | ND<0.05 | ND<0.05 | ND<0.1 | | | ND<20 | ND<50 | ND<250 | ND |
| B9-6-7 | 6-7 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-8-9 | 8-9 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-10-11 | 10-11 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B9-11-12 | 11-12 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B10-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B10-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-1-2 | 1-2 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-4-5 | 4-5 | 09/16/11 | 0.0 | 24 | ND<0.02 | 0.075 | ND<0.02 | 0.86 | | | | | | |
| B11-5-6 | 5-6 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-7-8 | 7-8 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-9-10 | 9-10 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-11-12 | 11-12 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B11-12-13 | 12-13 | 09/16/11 | | | ND<0.02 | ND<0.02 | 0.064 | 0.12 | | | ND<20 | ND<50 | ND<250 | |
| B11-13-14 | 13-14 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B12-0.5-1 | 0.5-1 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B12-2-3 | 2-3 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B12-3-4 | 3-4 | 09/16/11 | 0.0 | | | | | | | | | | | |
| | MTCA M Soil Clean | | | 100/30 ¹ | 0.03 | 7 | 6 | 9 | 2,0 | 000 | 100/30 ¹ | 2,000 | 2,000 | Analyte Specifie |

| | Fable 1 Continued. Summary of Soil Sample Analytical Laboratory Results | | | | | | | | | | | | | |
|---------------------|---|----------|------|---------------------|----------|---------|---------|---------|------------|---------|---------------------|--------|-----------|---------------------|
| Parkland | | - | e | | 0044 | | | | | | | | | |
| 160 - 108t | | | | 0 | on 98444 | ŀ | | | | | | | | |
| The Riley Sample | Group, Sample | Sample | | | | BT | EX | | | | | HCID | | |
| Number | Depth | Date | PID | Gas TPH | В | Т | Ε | X | Diesel TPH | Oil TPH | Gasoline | Diesel | Heavy Oil | VOCs |
| B12-5-6 | 5-6 | 09/16/11 | 1.4 | 240 | 0.32 | 0.18 | 0.86 | 28 | | | D>20 | ND<50 | ND<250 | |
| B12-7-8 | 7-8 | 09/16/11 | 0.9 | | | | | | | | | | | |
| B12-9-10 | 9-10 | 09/16/11 | 0.6 | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B12-11-12 | 11-12 | 09/16/11 | 0.0 | | | | | | | | | | | |
| B13-3-4 | 3-4 | 10/24/11 | 1.3 | | | | | | | | | | | |
| B13-6-7 | 6-7 | 10/24/11 | 4.5 | | | | | | | | | | | |
| B13-8-8.5 | 8-8.5 | 10/24/11 | 20.4 | 370 | ND<0.1 | 1.7 | 2.3 | 3.7 | 330 | ND<250 | | | | |
| B13-10-11 | 10-11 | 10/24/11 | 2.8 | | | | | | | | | | | |
| B14-2-3 | 2-3 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B14-4-5 | 4-5 | 10/24/11 | | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B14-9-10 | 9-10 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B14-11-12 | 11-12 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B15-2-3 | 2-3 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B15-5-6 | 5-6 | 10/24/11 | 0.0 | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B15-9-10 | 9-10 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B15-11-12 | 11-12 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B16-1-2 | 1-2 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B16-6-7 | 6-7 | 10/24/11 | 0.8 | | ND<0.02 | 0.054 | 0.045 | 0.21 | | | ND<20 | ND<50 | ND<250 | |
| B17-0-1 | 0-1 | 10/24/11 | 0.8 | | | | | | | | | | | |
| B17-5-6 | 5-6 | 10/24/11 | 0.0 | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B17-9-9.5 | 9-9.5 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B17-12-13 | 12-13 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B18-2-3 | 2-3 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B18-7-8 | 7-8 | 10/24/11 | | | | | | | | | | | | |
| 5 | MTCA M Soil Clean | | | 100/30 ¹ | 0.03 | 7 | 6 | 9 | 2,0 | 000 | 100/30 ¹ | 2,000 | 2,000 | Analyte Specific |

| Parkland 160 - 108t | Yable 1 Continued. Summary of Soil Sample Analytical Laboratory Results Yarkland Collision Property 60 - 108th Street South, Tacoma, Washington 98444 Yhe Riley Group, Inc. Project #T2011-066 | | | | | | | | | | | | | |
|------------------------|---|--------------|------------|---------------------|--------------|--------------|-----------|---------|--------------|----|---------------------|--------|-----------|---------------------|
| Sample | ample Sample Sample PID Gas TPH BTEX Diesel TPH Oil TPH HCID VOC | | | | | | | | | | | VOCs | | |
| Number | Depth | Date | ΠD | | В | Т | Е | X | Diesei II II | | Gasoline | Diesel | Heavy Oil | vocs |
| B18-8-9 | 8-9 | 10/24/11 | 0.0 | | ND<0.02 | ND<0.02 | ND<0.02 | ND<0.06 | | | ND<20 | ND<50 | ND<250 | |
| B18-11-12 | 11-12 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B19-2-3 | 2-3 | 10/24/11 | 0.1 | | | | | | | | | | | |
| B19-4-5 | 4-5 | 10/24/11 | 1.6 | | | | | | | | | | | |
| B19-7-8 | 7-8 | 10/24/11 | 0.8 | | | | | | | | | | | |
| B19-9-10 | 9-10 | 10/24/11 | 0.0 | | | | | | | | | | | |
| B19-13-14 | 13-14 | 10/24/11 | 0.0 | | | | | | | | | | | |
| 2 | MTCA M Soil Clean | | | 100/30 ¹ | 0.03 | 7 | 6 | 9 | 2,0 | 00 | 100/30 ¹ | 2,000 | 2,000 | Analyte Specific |
| All results an | nd detectio | n limits are | given in m | ng/kg: equiv | alent to par | ts per milli | on (ppm). | | | | | | | |

Sample Depth = Soil sample depth interval in feet below ground surface (bgs).

PID = Photoionization Detector.

TPH = total petroleum hydrocarbons.

Gasoline TPH determined using Ecology Test Method NWTPH Gx.

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

Diesel and Oil TPH determined using Ecology Test Method NWTPH Dx with silica gel cleanup.

Gasoline, Diesel, and Oil HCID (Hydrocarbon Identification) determined using Ecology Test Method NWTPH-HCID.

VOCs (Volatile Organic Compounds) determined using EPA Test Method 8260C.

ND = Not Detected at noted analytical detection limit.

---- = Not analyzed or not applicable.

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

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

MTCA 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.

| Table 2 | Table 2. Summary of Groundwater Grab Sample Results | | | | | | | | | | | | |
|---------------------|--|----------------------|------------------------|---------|-------|-------|-------|------------|---------|------------------------|--------|-----------|---------------------|
| Parklar 160 - 10 | Parkland Collision Property 60 - 108th Street South, Tacoma, Washington 98444 The Riley Group, Inc. Project #T2011-066B | | | | | | | | | | | | |
| | ey Grou Sample | | | 1-000D | BT | EX | | | | | HCID | | |
| Number | - | Water (bgs) | Gas TPH | В | Т | Е | X | Diesel TPH | Oil TPH | Gasoline | Diesel | Heavy Oil | VOCs |
| B3-GW | 09/16/11 | 11 | | ND<1 | 2.5 | ND<1 | 3.9 | | | ND<0.2 | ND<0.5 | ND<0.5 | |
| B5-GW | 09/16/11 | 10 | 49,000 | 120 | 540 | 3,200 | 5,800 | 34,000 | 450 x | | | | |
| B8-GW | 09/16/11 | 12 | | ND<0.35 | 2.9 | ND<1 | ND<2 | | | ND<0.2 | ND<0.5 | ND<0.5 | ND |
| B10-GW | 09/16/11 | 11 | | ND<0.35 | ND<1 | ND<1 | ND<2 | | | ND<0.2 | ND<0.5 | ND<0.5 | ND |
| B13-GW | 10/24/11 | 8.5 | 5,500 | 1.6 | 21 | 9.6 | 16 | 16,000 | 570 | | | | |
| B14-GW | 10/24/11 | 10 | | ND<1 | ND<1 | ND<1 | ND<3 | | | ND<0.2 | ND<0.5 | ND<0.5 | |
| B15-GW | 10/24/11 | 10 | | ND<1 | ND<1 | ND<1 | ND<3 | | | ND<0.2 | ND<0.5 | ND<0.5 | |
| B17-GW | 10/24/11 | 9.5 | | ND<1 | ND<1 | ND<1 | ND<3 | | | ND<0.2 | ND<0.5 | ND<0.5 | |
| B18-GW | 10/24/11 | 9 | | ND<1 | ND<1 | ND<1 | ND<3 | | | ND<0.2 | ND<0.5 | ND<0.5 | |
| | TCA Met water Cle | hod A anup Levels | 800/1,000 ¹ | 5 | 1,000 | 700 | 1,000 | 500 | 500 | 800/1,000 ¹ | 500 | 500 | Analyte Specific |
| Unless otl | 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). TPH = total petroleum hydrocarbons. | | | | | | | | | | | | |

Gas TPH determined using Ecology Test Method NWTPH-Gx

BTEX (Benzene, Toluene, Ethyl Benzene, and Xylenes) determined using EPA Test Method 8021.

Diesel and Oil TPH determined using Ecology Test Method NWTPH-Dx with silica gel cleanup.

VOCs (Volatile Organic Compounds) determined using EPA Test Method 8260C.

ND = Not Detected at noted analytical detection limit.

---- = Not analyzed or not applicable.

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

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

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

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

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. 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 e-mail: fbi@isomedia.com

November 1, 2011

Lannie Smith, Project Manager The Riley Group, Inc. 711 St. Helens Avenue, Suite 204 Tacoma, WA 98402

Dear Mr. Smith:

Included are the results from the testing of material submitted on October 25, 2011 from the T2011-066b, F&BI 110330 project. There are 16 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 have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

1 Colo

Michael Erdahl Project Manager

Enclosures TRG1101R.DOC

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 25, 2011 by Friedman & Bruya, Inc. from the The Riley Group T2011-066b, F&BI 110330 project. Samples were logged in under the laboratory ID's listed below.

| Laboratory ID | The Riley Group |
|---------------|-----------------|
| 110330-01 | B13-10-11 |
| 110330-02 | B13-GW |
| 110330-03 | B13-8-8.5 |
| 110330-04 | B13-6-7 |
| 110330-05 | B13-3-4 |
| 110330-06 | B14-GW |
| 110330-07 | B14-11-12 |
| 110330-08 | B14-9-10 |
| 110330-09 | B14-4-5 |
| 110330-10 | B14-2-3 |
| 110330-11 | B15-GW |
| 110330-12 | B15-11-12 |
| 110330-13 | B15-9-10 |
| 110330-14 | B15-5-6 |
| 110330-15 | B15-2-3 |
| 110330-16 | B16-6-7 |
| 110330-17 | B16-1-2 |
| 110330-18 | B17-GW |
| 110330-19 | B17-0-1 |
| 110330-20 | B17-9-9.5 |
| 110330-21 | B17-12-13 |
| 110330-22 | B17-5-6 |
| 110330-23 | B18-GW |
| 110330-24 | B18-2-3 |
| 110330-25 | B18-7-8 |
| 110330-26 | B18-8-9 |
| 110330-27 | B18-11-12 |
| 110330-28 | B19-2-3 |
| 110330-29 | B19-4-5 |
| 110330-30 | B19-7-8 |
| 110330-31 | B19-9-10 |
| 110330-32 | B19-13-14 |

All quality control requirements were acceptable.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/27/11 Date Analyzed: 10/28/11

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

| <u>Sample ID</u> Laboratory ID | <u>Gasoline</u> | <u>Diesel</u> | <u>Heavy Oil</u> | Surrogate <u>(% Recovery)</u> (Limit 50-150) |
|-----------------------------------|-----------------|---------------|------------------|--|
| B14-GW 110330-06 | ND | ND | ND | 128 |
| B15-GW 110330-11 | ND | ND | ND | 111 |
| B17-GW 110330-18 | ND | ND | ND | 110 |
| B18-GW 110330-23 | ND | ND | ND | 111 |
| Method Blank 01-1956 MB | ND | ND | ND | 122 |

ND - Material not detected at or above 0.2 mg/L gas, 0.5 mg/L diesel and 0.5 mg/L heavy oil.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/26/11

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID 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 | <u>Gasoline</u> | Diesel | <u>Heavy Oil</u> | Surrogate <u>(% Recovery)</u> (Limit 50-150) |
|----------------------------|-----------------|--------|------------------|--|
| B14-4-5 110330-09 | ND | ND | ND | 119 |
| B15-5-6 110330-14 | ND | ND | ND | 135 |
| B16-6-7 110330-16 | ND | ND | ND | 116 |
| B17-5-6 | ND | ND | ND | 116 |
| B18-8-9 110330-26 | ND | ND | ND | 117 |
| Method Blank 01-1950 MB | ND | ND | ND | 113 |

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

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/26/11

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

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> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Surrogate (<u>% Recovery)</u> (Limit 50-150) |
|-----------------------------------|----------------|----------------|-------------------------|-------------------------|---|
| B14-4-5 110330-09 | < 0.02 | < 0.02 | < 0.02 | < 0.06 | 103 |
| B15-5-6 110330-14 | < 0.02 | < 0.02 | < 0.02 | < 0.06 | 103 |
| B16-6-7 110330-16 | < 0.02 | 0.054 | 0.045 | 0.21 | 106 |
| B17-5-6 110330-22 | <0.02 | <0.02 | <0.02 | <0.06 | 103 |
| B18-8-9 110330-26 | <0.02 | <0.02 | <0.02 | <0.06 | 102 |
| Method Blank 01-1946 MB | <0.02 | <0.02 | <0.02 | <0.06 | 104 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/28/11

RESULTS FROM THE ANALYSIS OF 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> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Gasoline <u>Range</u> | Surrogate (<u>% Recovery)</u> (Limit 50-150) |
|-----------------------------------|----------------|----------------|-------------------------|-------------------------|--------------------------|---|
| B13-8-8.5 110330-03 1/5 | <0.1 | 1.7 | 2.3 | 3.7 | 370 | 139 |
| Method Blank | < 0.02 | < 0.02 | < 0.02 | < 0.06 | <2 | 104 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/26/11

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

| <u>Sample ID</u> Laboratory ID | <u>Benzene</u> | <u>Toluene</u> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Gasoline <u>Range</u> | Surrogate (<u>% Recovery</u>) (Limit 52-124) |
|-----------------------------------|----------------|----------------|-------------------------|-------------------------|--------------------------|--|
| B13-GW 110330-02 | 1.6 | 21 | 9.6 | 16 | 5,500 | 91 |
| Method Blank 01-1947 MB | <1 | <1 | <1 | <3 | <100 | 105 |

Results Reported as ug/L (ppb)

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/26/11

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

| <u>Sample ID</u> Laboratory ID | <u>Benzene</u> | <u>Toluene</u> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Surrogate (<u>% Recovery</u>) Limit (52-124) |
|-----------------------------------|----------------|----------------|-------------------------|-------------------------|--|
| B14-GW 110330-06 | <1 | <1 | <1 | <3 | 98 |
| B15-GW 110330-11 | <1 | <1 | <1 | <3 | 102 |
| B17-GW 110330-18 | <1 | <1 | <1 | <3 | 102 |
| B18-GW 110330-23 | <1 | <1 | <1 | <3 | 102 |
| Method Blank 01-1947 MB | <1 | <1 | <1 | <3 | 105 |

Results Reported as ug/L (ppb)

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/25/11 Date Analyzed: 10/28/11

RESULTS FROM THE ANALYSIS OF WATER 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 as ug/L (ppb)

| <u>Sample ID</u> Laboratory ID | Diesel Range (C10-C25) | <u>Motor Oil Range</u> (C ₂₅ -C ₃₆) | Surrogate <u>(% Recovery)</u> (Limit 51-134) |
|-----------------------------------|---------------------------|---|--|
| B13-GW 110330-02 | 16,000 | 570 | 88 |
| Method Blank 01-1929 MB2 | <50 | <250 | 109 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330 Date Extracted: 10/26/11 Date Analyzed: 10/26/11

RESULTS FROM THE ANALYSIS OF 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> Laboratory ID | Diesel Range (C10-C25) | Motor Oil Range (C25-C36) | Surrogate <u>(% Recovery)</u> (Limit 50-150) |
|-----------------------------------|---------------------------|------------------------------|--|
| B13-8-8.5 110330-03 | 330 | <250 | 116 |
| Method Blank 01-1951 MB | <50 | <250 | 123 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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: 110305-03 (Duplicate)

| | | (Wet Wt) | (Wet Wt) | Relative Percent |
|--------------|-------------|----------|-----------|------------------|
| | Reporting | Sample | Duplicate | Difference |
| Analyte | Units | Result | Result | (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 |

| | | Percent | | | | |
|--------------|-------------|---------|----------|------------|--|--|
| | Reporting | Spike | Recovery | Acceptance | | |
| Analyte | Units | Level | LCS | Criteria | | |
| Benzene | mg/kg (ppm) | 0.5 | 92 | 69-120 | | |
| Toluene | mg/kg (ppm) | 0.5 | 105 | 70-117 | | |
| Ethylbenzene | mg/kg (ppm) | 0.5 | 105 | 65-123 | | |
| Xylenes | mg/kg (ppm) | 1.5 | 105 | 66-120 | | |
| Gasoline | mg/kg (ppm) | 20 | 110 | 71-131 | | |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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: 110305-03 (Duplicate)

| - | - | (Wet Wt) | (Wet Wt) | Relative Percent |
|--------------|-------------|----------|-----------|-------------------------|
| | Reporting | Sample | Duplicate | Difference |
| Analyte | Units | Result | Result | (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 |

| | | Percent | | | | |
|--------------|-------------|---------|----------|------------|--|--|
| | Reporting | Spike | Recovery | Acceptance | | |
| Analyte | Units | Level | LCS | Criteria | | |
| Benzene | mg/kg (ppm) | 0.5 | 92 | 69-120 | | |
| Toluene | mg/kg (ppm) | 0.5 | 105 | 70-117 | | |
| Ethylbenzene | mg/kg (ppm) | 0.5 | 105 | 65-123 | | |
| Xylenes | mg/kg (ppm) | 1.5 | 105 | 66-120 | | |
| Gasoline | mg/kg (ppm) | 20 | 110 | 71-131 | | |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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

Laboratory Code: 110329-04 (Duplicate)

| y | Reporting | Sample | Duplicate | Relative Percent Difference |
|--------------|------------|--------|-----------|--------------------------------|
| Analyte | Units | Result | Result | (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 |

| | | | Percent | |
|--------------|------------|-------|----------|------------|
| | Reporting | Spike | Recovery | Acceptance |
| Analyte | Units | Level | LCS | Criteria |
| Benzene | ug/L (ppb) | 50 | 93 | 72-119 |
| Toluene | ug/L (ppb) | 50 | 93 | 71-113 |
| Ethylbenzene | ug/L (ppb) | 50 | 94 | 72-114 |
| Xylenes | ug/L (ppb) | 150 | 89 | 72-113 |
| Gasoline | ug/L (ppb) | 1,000 | 96 | 70-119 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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

Laboratory Code: 110329-04 (Duplicate)

| Laboratory coue. | | licate) | | Relative Percent |
|------------------|------------|---------|-----------|-------------------------|
| | Reporting | Sample | Duplicate | Difference |
| Analyte | Units | Result | Result | (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 |

| | | | Percent | |
|--------------|------------|-------|----------|------------|
| | Reporting | Spike | Recovery | Acceptance |
| Analyte | Units | Level | LCS | Criteria |
| Benzene | ug/L (ppb) | 50 | 93 | 72-119 |
| Toluene | ug/L (ppb) | 50 | 93 | 71-113 |
| Ethylbenzene | ug/L (ppb) | 50 | 94 | 72-114 |
| Xylenes | ug/L (ppb) | 150 | 89 | 72-113 |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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

| Laboratory Code: I | aboratory Code: Laboratory Control Sample Silica Gel | | | | | | | | | | | | |
|------------------------|--|-------|----------|----------|------------|------------|--|--|--|--|--|--|--|
| - | · | - | Percent | Percent | | | | | | | | | |
| | Reporting | Spike | Recovery | Recovery | Acceptance | RPD | | | | | | | |
| Analyte | Units | Level | LCS | LCSD | Criteria | (Limit 20) | | | | | | | |
| Diesel Extended | ug/L (ppb) | 2,500 | 80 | 89 | 63-142 | 11 | | | | | | | |

ENVIRONMENTAL CHEMISTS

Date of Report: 11/01/11 Date Received: 10/25/11 Project: T2011-066b, F&BI 110330

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

| Laboratory Code: | 110358-01 (Matu | rix Spike) |) Silica Gel | | | | |
|------------------|-----------------|------------|--------------|----------|----------|------------|------------|
| - | | - | (Wet wt) | Percent | Percent | | |
| | Reporting | Spike | Sample | Recovery | Recovery | Acceptance | RPD |
| Analyte | Units | Level | Result | MS | MSD | Criteria | (Limit 20) |
| Diesel Extended | mg/kg (ppm) | 5,000 | 540 | 101 | 111 | 63-146 | 9 |
| Laboratory Code: | Laboratory Con | trol Sam | ple Silica G | el | | | |
| | | | Percent | | | | |
| | Reporting | Spike | Recovery | Acceptan | ice | | |
| Analyte | Units | Level | LCS | Criteria | a | | |
| Diesel Extended | mg/kg (ppm) | 5,000 | 105 | 79-144 | | | |

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 - Analyte present in the blank and the sample.

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 - Analysis performed outside the method or client-specified holding time requirement.

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.

 ${\rm J}$ - 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 - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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.

| i | 110330 OnSite | | Cha | in o í | f (| Cu | st | od | y . | M | E | 1 | o/a | 25 | 11 | | | <u>ر</u> کلا * | 3/ | V2/ Pa | /)) 19e | 1 | _of | 4 | | |
|-------------------|--|-------------------------|----------------------------------|---------------------|----------------------|------------|---------------|----------|----------|----------------|-----------|--|-------------|-----------|---------------------------------|---------------------------------------|-----------------------------------|----------------------------------|-------------|---------------------------|-----------------------|----------|------------|----------------|-------------------------------|------------|
| | Environmental Inc. 14648 NE 95th Street • Redmond, WA 98052 | Turn (m | around Deca working nav | | | L | abo | rate | ory | Nu | mb | er: | | 2104-712 | | Sec. 1 | 20. J. J. S. M. | 5 | | . No | 727532 | | | | age of the state of the state | |
| Comp | Phone: (425) 883-3881 • www.onsite-env.com | | (Check One) | | | | | | | | | | T | | <u> </u> | <u> </u> | | (| | | | | | $\overline{1}$ | | |
| Projec | to Koleyborp, The to Number TROI -0666 | Sam | • |] 1 Day] 3 Days | | | | | | | | | | | 1A | IS/OD/2 | 151A | rcle one) | | | | | | | | |
| | Brkind Champet | 🕅 Stan | dard (7 Days) I analysis 5 Da | | Uers | | J. | e suit | | | les 8260B | D/SIM s) | low-level) | | sticides 808 | Pecticides 8 | lerbicides 8 | A Metals (ci | | se) 1664 | | | | | | |
| Samp | Lonne Smith Lonne Smith helen Jellen | □ | (other) | | Number of Containers | NWTPH-HCID | NWTPH-Gx/BTEX | H-Gx | ЧОХ | olatiles 8260B | | Semivolatiles 8270D/SIM (with low-level PAHs) | 3270D/SIM (| 8082 | Organochiorine Pesticides 8081A | Organophosphorus Pesticides 8270D/SIM | Chlorinated Acid Herbicides 8151A | Total RCRA / MTCA Metals (circle | TCLP Metals | HEM (oil and grease) 1664 | X H X H X | | | | | % Moisture |
| Lab III A | Sample Identification | Date Sam pled | Time Sampled | Matrix | Numb | NWTPI | NWTPI | NWTPH-Gx | NWTPH-Dx | Volatile | Haloge | Semivo (with Io | PAHs | PCBs 8082 | Organ | Organo | Chlori | Total F | TCLP | HEM (| 18 | | | | | 9W % |
| а. <u>61 е</u> | BB-10-11 | 10/2.4 | 09260 | Sorl | 5 | | | | | | | | | | | | | | | | V | _ | _ | | | |
| 32 | B13-5W | | 0931 | | | | | Х | Х | | | | | | | | | | | | \wedge | | | | | |
| 03 | B13-8-8.5 | | 0937 | Soil | | | | X | X | | | | | | | | | | | | X | | | | | |
| 04 | B13-6-7 | | 09.45 | | | | | | | | | | | | | | | - | | - | | | _ | | | |
| 05 | B13-3-4 | | 0951 | \checkmark | | | | | | | | | | | | | | <u> </u> | | | | | | | ┝╴╿ | |
| 06 | B14-6W | i | 0954 | H2O | | X | | | | | | | | | | | | | | | X | | | | | |
| 67 | B14-N-12 | , | 1014 | Soil | | | | | | | | | | | | | | | | | | | | | | |
| 08 | B14-9-10 | | 1022 | | | | | | | | | | | | | | | | | | | ┟──┟ | | | $\left - \right $ | |
| 09 | B14-4-5 | | 1027 | | | X | | | | | | | | | | | | | | | X | | | | | |
| 10 | 814-2-3 | \sim | 1031 | ي د | | ' | | | | | | | | | | | | Ļ | | | | | | | | |
| | Signature | | ompany | <u> </u> | | | Date | 1 | | Time | | | Com | men | ts/Spi | ecial | Instru | uctior | ns | | | <u>`</u> | ····· | <u>,</u> | | |
| | iquished hulton thefer | 2 | <u> </u> | <u>M</u> | | | 1 | 14 | 5 | | 30 | | | | | | | | | | | | | | | |
| Rece | Mr. F glit C== | <u> </u> | F-10- | fac | | | K | 12 | 2 | 11 | 30 | | | | | | | | | | | | | | | |
| Rece | inquished | | | | | | | | | | | | | | | | | | | | | | | | | |
| | quished | | S | | | | · | | | | | | | | | San | nple | es re | ecei | ved | at _ | 6 | <u>د</u> « | 2 | | |
| Rece | ived | | | | | | | | | .* | | | <u>.</u> | | | | | | | | | | | | | |
| Revi | ewed/Date | | Reviewed/Da | te | | | | | | | | 17 | Chro | matog | grams | with 1 | final re | eport | | | | | | | | |
| | Dai | ta Package: L | evel III 🗌 Lo | evel IV 🗋 El | ectro | nic Da | ta Deli | iverab | les (E | DDs) | □ | , | | | | | | | | | | | | | | |

| Environmential Inc. Inc. </th <th>11033 O OnSite</th> <th></th> <th>Cha</th> <th>ain o</th> <th>f (</th> <th>Cu</th> <th>st</th> <th>od</th> <th>ly</th> <th>M</th> <th>E,</th> <th>10</th> <th>12:</th> <th>5/</th> <th>11</th> <th></th> <th>VS J</th> <th>3/1</th> <th>12</th> <th>Ра Ра</th> <th>03 age</th> <th>2</th> <th>_of</th> <th>4</th> <th>: -</th> <th></th> | 11033 O OnSite | | Cha | ain o | f (| Cu | st | od | ly | M | E, | 10 | 12: | 5/ | 11 | | VS J | 3/1 | 12 | Ра Ра | 0 3 age | 2 | _of | 4 | : - | |
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| Company Lattery brance The Lattery brance <td>Environmental Inc.</td> <td>Tun (in</td> <td></td> <td>P</td> <td></td> <td>L</td> <td>abo</td> <td>rate</td> <td>ory</td> <td>Nu</td> <td>mb</td> <td>C. W. W. Y. C. Z.</td> <td></td> <td>e e File and</td> <td>- Maria</td> <td></td> <td></td> <td></td> <td>1441 C. J.</td> <td>-</td> <td><u></u></td> <td><u></u></td> <td></td> <td></td> <td></td> <td></td> | Environmental Inc. | Tun (in | | P | | L | abo | rate | ory | Nu | mb | C. W. W. Y. C. Z. | | e e File and | - Maria | | | | 1441 C. J. | - | <u></u> | <u></u> | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | Company: The Riley Group, Inc (Rb) Project Number: TAM-Oldob |) 🗌 Sam 🗌 2 Da 🗍 Stan | ne Day [ays [ndard (7 Days) | 3 Days | | | | | | | 3260B | | | | des 8081A | icides 8270D/SIM | cides 8151A | etals (circle one) | | 664 | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | Sampled by Mile Smith Mulseen Fulferson | | (other) | bays) | nber of Container | TPH-HCID | TPH-Gx/BTEX | TPH-Gx | TPH-Dx | atlies 8260B | ogenated Volatiles (| nivolatiles 8270D/S h low-lavel PAHs) | Is 8270D/SIM (low- | 3s 8082 | anochlorine Pestici | anophosphorus Pee | orinated Acid Herbi | al RCRA / MTCA M | LP Metals | M (oil and grease) | STEX | | | | | Moisture |
| 12 12 <td< td=""><td>Han ID. Sample Identification</td><td>Sampled</td><td>Sampled</td><td></td><td>1</td><td></td><td>Ň</td><td>M</td><td>ŇN</td><td>Voli</td><td>Hal</td><td>Ser (wit</td><td>₹ ,</td><td>0</td><td>ŏ</td><td>ð</td><td><u>5</u></td><td><u>10</u></td><td>2</td><td><u> </u>뿐</td><td>XE</td><td></td><td></td><td></td><td>+</td><td>%</td></td<> | Han ID. Sample Identification | Sampled | Sampled | | 1 | | Ň | M | ŇN | Voli | Hal | Ser (wit | ₹ , | 0 | ŏ | ð | <u>5</u> | <u>10</u> | 2 | <u> </u> 뿐 | XE | | | | + | % |
| 13 B/B - 9 - 10 1057 1 14 B/B - 5 - 6 1105 X 1 15 B/B - 2 - 3 109 1 1 16 B/L0 - 6-7 1155 X 1 17 B/L0 - 1 - 2 1140 1 1 18 B/7 - 6/W 1236 H-20 X 1 1 18 B/7 - 6/W 1236 H-20 X 1 1 1 19 B/17 - 6/W 1236 H-20 X 1 | | 10/24 | | | 5 | | | | | | | | | | | | | | | | , `` | | - | _ | + | \square |
| 14 B 15 - 3 - 6 1105 X X X 15 B 15 - 2 - 3 1109 X X X X 16 B 16 - 1 - 2 1155 X X X X X 17 B 16 - 1 - 2 1140 X X X X X X 18 B 17 - 6W 1236 H ₂ O X | | | | 2011 | | | | | | | | | | | | | | | | 1 | | | | - | + | 1 |
| 15 B 15 - 2 - 3 109 1155 X 1155 16 B 10 - 1 - 2 1155 X 1155 X 1155 17 B 10 - 1 - 2 1140 1155 X 1155 X 1155 18 B 17 - 61w 1250 H 20 X 1155 X 1155 19 B 17 - 61w 1250 H 20 X 1155 1150 19 B 17 - 61w 1253 1150 X 1155 1150 19 B 17 - 61w 1253 1150 X 1155 1150 19 B 17 - 9 - 9.5 1253 1 1155 1150 10 B 17 - 9 - 9.5 1253 1 1155 1150 Received Muthum M 61 W h55 1130 1150 Received Muthum FTB Full 107 - 5 1170 1150 Received Muthum FTB Full 107 - 5 1170 1150 1170 Received Muthum FTB Full 1170 1170 1170 | 14 RIS-5-6 | | | | | X | | | | | | | | - | | | | 1 | | 1 | X | | | | | |
| 16 B10-67 1135 X X X X 17 B10-1-2 1140 X X X X X 18 B17-61M 1230 H20 X X X X X 19 B17-61M 1230 H20 X X X X X X 19 B17-61M 1230 H20 X < | | | | | \uparrow | | | | | | | | | | | | | | | | | | | | | |
| 11 11 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | X | | | | | | | | | | | | | | | X | | | | | |
| B B 17-6W 1236 H2 X II B 17-6-1 V 1243 Soil III II B 17-9-9.5 I253 I III III Bate Time Commenta/Special Instructions Relinquished IIII IIII Received IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | | | 114C | V | | | | | | | | | | | | | | | | | | | | | | |
| Index Index <th< td=""><td></td><td></td><td>1236</td><td>H,O</td><td></td><td>X</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td></th<> | | | 1236 | H,O | | X | 1 | | | | | | | | | | | | | | X | | | | | |
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| Relinquished Man Auflern Mon Whs 1130 Received FTB Fuc 10725 1130 Relinquished FTB Fuc 10725 1130 Received Samples received at6°C Received Image: Samples received at6°C Received Received Samples received at6°C Received Reviewed/Date Chromatograms with final report □ | | Y | | · ~ | | | | | | | | | | | | | | | L | | | | | | | <u> </u> |
| Received FTB Full Idf 25 I 37 D Relinquished FTB Full Idf 25 I 37 D Received Idf 25 I 37 D Reviewed/Date Idf 25 I 137 D | | G | ompany | 11 | | | Date | _1 | | Catalor Sime. | | | Con | men | ts/Sp | ecial | Instr | uction | 15 | <u></u> | <u> </u> | | | | | |
| Relinquished PTDFUL 19 Strict Received Image: Samples received at6 °C Received Image: Samples received at6 °C Received Image: Samples received at6 °C Reviewed/Date Reviewed/Date | - Appen parte | m | | UI DT | | | 10 | | 5 | 1.5 | 5.0 |) | | | | | | | | | | | | | | |
| Received Image: Samples received ato°C Reviewed/Date Reviewed/Date | - Maintain - | · | FTL | > HrC | | | 19 | | > | 11 5 | | | | | | | | | | | | | | | | |
| Received Image: Second secon | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reviewed/Date Reviewed/Date Chromatograms with final report | N:Relinquished, | | | | | | | | | | | | | | S | Sam | ples | s rec | ceiv | ed a | at | 6 | _°C | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Data Package: Level III 🗌 Level IV 🗍 Electronic Data Deliverables (EDDs) | | | | | | | | | | | | | Chro | mato | grams | s with | final r | eport | | | | | | | | |

Data Package: Level III
Level IV
Electronic Data Deliverables (EDDs)

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|---|-----------------|--|------------------|----------------------|------------|-------------------|----------|----------|-----------------|-----------------------------|--|--------------|-----------|---------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|---------------|---------------------------|----------------|------------|-----|----------|--------------|------------|
| Environmental Inc. 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onske-env.com | n C | | | | La | abo | rato | ory | Nu | mb | er: | | 15 A. L. | | | | | | | | 2005 Base | a | | | |
| Project Number: | | |] 1 Day | | | <u>than saint</u> | | | | | | | | A | | ¥ | le one) | <u>ideric</u> | | <u>11. 200</u> | | | <u></u> | | |
| Project Name: Part Hand Collision Project Manager: | | Days L andard (7 Days) PH analysis 5 D |] 3 Days ays) | 800 | | | | | | es 8260B | D/SIM | ow-level) | | sticides 8081. | Heaticides 52/ | erbicides 815 | A Metals (circ | | se) 1664 | | | | | | |
| Sampled by: | | (other) | | Number of Containers | NWTPH-HCID | NWTPH-Gx/BTEX | NWTPH-Gx | NWTPH-Dx | /olatiles 8260B | Halogenated Volatiles 82608 | Semivolatiles 8270D/SIM (with low-level PAHs) | 8270D/SIM (I | 8082 | Organochlorine Pesticides 8081A | Urganophosphorus Pesticides 82/UU/SIM | Chlorinated Acid Herbicides 8151A | fotal RCRA / MTCA Metals (circle one) | rcLP Metals | HEM (oil and grease) 1664 | BTEX | | | | | % Moisture |
| Lab 10 Sample Identification | Date Sampled | Time I Sampled | Matrix | quin | NWTP | NWTP | NWTP | NWTP | Volati | Halog | Semiv (with L | PAHs | PCBs 8082 | Organ | n aga | Chlori | Total | TCLP | HEM | M | | _ | | | ž % |
| aie B17-12-13 | 1074 | 1257 | Soil | 5 | | | | | | | | | | | | | | | | | | | | | |
| 22 B17-5-6 | 0 | 1251 | 1 | 1 | X | | | | | | | | | | | | | | | Х | | | | | |
| 23 B18-0W | 17 | 1234 | HO | | \times | | | | | | | | | | | | | | L | Х | | | | | |
| 24 818-2-3 | | 1330 | ~ ^V | | | | | | | | | | | | | | | | ļ | | | | | + | |
| 24 B18-2-3 25 B18-7-8 | | 1333 | | | | | | | | | | | | | | | | | ļ | | | | _ | <u> </u> | |
| 26 B18-8-9 | \square | 1336 | | | X | | | | | | | | | | | | | | | Х | | _ | | <u> </u> | |
| 27 318-11-12 | | 1339 | | | | | | | | | | | | | | | | | | | | | | \downarrow | |
| 28 B19-2-3 | | 1350 | | | | | | | | | | | | | | | | | | | | _ | | | |
| 24 BIG-4-5 | | 1406 | | | | | | | | | | | | | | | | | <u> </u> | | | | | | |
| | V | 1410 | V | | | | | | | | | | | | | | | | | | | | | | |
| Signature | | Company V | 7 | | | Date | | | Time | | <u></u> | Com | ment | s/Spe | cial | instru | ctior | 15 | | <u> </u> | - <u> </u> | | <u>.</u> | | |
| Relinquished | m | 10 | 61 | | | 10 | 11 | 5 | | 30 | | | | | | | | | | | | | | | |
| Received Mathematic | | FtB | he | · | | 10 | in the | 5 | 113 | |) | | | | | | | | | | | | | | |
| Relinquished | | | | | | | | - | | | | | | | | | | | | | | | | | |
| Received Relinquished | | | | | | | | | | | | | | Sa | amj | ples | rec | ceiv | ed a | it | 6 | _°C | | | |
| Received | | \ | | | | | | | | | | | | | | | | | | | | | | | |
| Reviewed/Date | | Reviewed/Da | te | | | | | | | | | Chro | matoç | j r ams v | with f | inal re | port | | | | | | | | |

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| Environmental Inc. 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com | Turneround Ben (of hold lang da | ST II | 12 | | | umber: | | | | ang share a | ana in A | and the second | | Rest | | <u>जय ए</u> य मु | |
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| $\begin{array}{c c} \textbf{Sample Identification} \\ \hline \textbf{A}_{-} \\ \textbf{31E} \\ \textbf{B}_{-} \textbf{9}_{-} \textbf{9}_{-} \textbf{10} \end{array}$ | Sampled Sampled | Matrix ₹ So[15 | | źź | ž ž | ŤŎŠ | à à | | 5 0 | <u> </u> | Ĕ | <u> </u> ∓. | | | | | |
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Surface Conditions: Asphalt Date(s) Drilled: 10/24/11 Logged By: CJ Drill Bit Size/Type: 2.5" Diameter Drilling Method(s): Direct Push Total Depth of Borehole: 11.5 feet bgs Approximate Surface Elevation: n/a Drill Rig Type: Truck Mounted Drilling Contractor: Pacific NW Probe Groundwater Level and Date Measured: 8.5' bgs Hammer Data : n/a Sampling Method(s): Continuous Borehole Backfill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444





Surface Conditions: Asphalt Date(s) Drilled: 10/24/11 Logged By: CJ Drill Bit Size/Type: 2.5" Diameter Drilling Method(s): Direct Push Total Depth of Borehole: 12 feet bgs Approximate Surface Elevation: n/a Drill Rig Type: Truck Mounted Drilling Contractor: Pacific NW Probe Groundwater Level and Date Measured: 10' bgs Hammer Data : n/a Sampling Method(s): Continuous Borehole Backfill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444





Date(s) Drilled: 10/24/11 Logged By: CJ Surface Conditions: Asphalt Drill Bit Size/Type: 2.5" Diameter Drilling Method(s): Direct Push Total Depth of Borehole: 12 feet bgs Approximate Surface Elevation: n/a Drill Rig Type: Truck Mounted Drilling Contractor: Pacific NW Probe Groundwater Level and Date Measured: 10' bgs Hammer Data : n/a Sampling Method(s): Continuous Borehole Backfill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444





Date(s) Drilled: 10/24/11 Logged By: CJ Surface Conditions: Asphalt Drilling Method(s): Direct Push Drill Bit Size/Type: 2.5" Diameter Total Depth of Borehole: 11 feet bgs Approximate Surface Elevation: **n/a** Drill Rig Type: Truck Mounted Drilling Contractor: Pacific NW Probe and Date Measured: Not Encountered Sampling Method(s): Continuous Hammer Data : n/a Borehole Backfill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444

| PID Reading, ppm | Sample ID | Sample Type | Sampling Resistance, blows/ft | GW Depth | Depth (feet) | MATERIAL DESCRIPTION | | Graphic Log |
|------------------|-----------|-------------|----------------------------------|----------|--------------|--|---|-------------|
| 0.0 | | | | | 0 — | Grayish-brown, SILTY SAND with gravel, damp | | HIII |
| 0.3 | B16-1-2 | | | | - | | - | |
| 0.2 | | | | | - | Gray, SILTY SAND, damp | | |
| 0.0 | | | | | - | | 1 | |
| 0.0 | | | | | - | | - | |
| | | | | | 5 — | Brownish-gray, sandy SILT with interbedded silt and peat, damp | | |
| 0.8 | B16-6-7 | | | | - | | - | |
| 0.0 | | | | | - | | - | |
| | | | | | - | No recovery | | |
| | | | | | - | | 1 | |
| | | | | | 10 — | - | - | |
| | | | | | - | Refusal at 11 feet bgs | | |
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| \square | | | | | | The Riley Group, Inc. 17522 Bothell Way NE, Bothell, WA 98011 | | |

Project Name: Parkland Collision Property Project Number: T2011-066B



Client: Hi Tech, Inc.

| Date(s) Drilled: 10/24/11 | Logged By: CJ | Surface Conditions: Asphalt | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Drilling Method(s): Direct Push | Drill Bit Size/Type: 2.5" Diameter | Total Depth of Borehole: 13 feet bgs | | | | | | |
| Drill Rig Type: Truck Mounted | Drilling Contractor: Pacific NW Probe | Approximate Surface Elevation: n/a | | | | | | |
| Groundwater Level and Date Measured: 9.5' bgs | Sampling Method(s): Continuous | Hammer Data : n/a | | | | | | |
| Borehole Backfill: Bentonite Chips | Location: 160 - 108th Street South, Tacoma, Washington 98444 | | | | | | | |

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| PID Reading, ppm | | | Sampling Resistance, blows/ft | | | | | |
| ading, | <u>_</u> | Sample Type | ng Re | pth | feet) | | | : Log |
| D Re | Sample ID | ample | amplin ows/ft | GW Depth | Depth (feet) | | | Graphic Log |
| | | , М | S, Dlo | ΰ | 0 | MATERIAL DESCRIPTION Brownish-gray, SILTY SAND with gravel, dry to damp | | יס חוחו |
| 0.8 0.0 | B17-0-1 | | | | - | - | - | |
| 0.0 | | | | | | Gray, sandy SILT with silt interbedded, damp | | |
| 0.0 | | | | | - | PEAT | | |
| 0.0 | B17-5-6 | | | | 5 — | Light brownish-gray SILT, damp | | |
| | | | | | | Gray, SILTY SAND, damp to saturated | _ | |
| 0.0 | | | | | - | - | - | |
| 0.0 | B17-9-9.5 | | | <u>₹</u> | _ | - | _ | |
| | | | | _ | 10 | - | | |
| 0.0 0.0 | B17-12-13 | | | | - | - | - | |
| 0.0 | B17-12-13 | | | | - | Refusal at 13 feet bgs | | 1111 |
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| | | | | | 30 <u>-</u> | The Riley Group, Inc. 17522 Bothell Way NE, Bothell, WA 98011 | | |



Date(s) Drilled: 10/24/11 Logged By: CJ Surface Conditions: Gravel Drill Bit Size/Type: 2.5" Diameter Drilling Method(s): Direct Push Total Depth of Borehole: 12 feet bgs Approximate Surface Elevation: n/a Drill Rig Type: Truck Mounted Drilling Contractor: Pacific NW Probe and Date Measured: 9' bgs Groundwater Level Hammer Data : n/a Sampling Method(s): Continuous Borehole Backfill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444



Project Name: Parkland Collision Property Project Number: T2011-066B



Client: Hi Tech, Inc.

| Date(s) Drilled: 10/24/11 | Logged By: CJ | Surface Conditions: Gravel | | | | | | |
|---|---|--|--|--|--|--|--|--|
| Drilling Method(s): Direct Push | Drill Bit Size/Type: 2.5" Diameter | Total Depth of Borehole: 14 feet bgs | | | | | | |
| Drill Rig Type: Truck Mounted | Drilling Contractor: Pacific NW Probe | Approximate Surface Elevation: n/a | | | | | | |
| Groundwater Level and Date Measured: Not Encountered | Sampling Method(s): Continuous | Hammer Data : n/a | | | | | | |
| Borehole Backfill: Bentonite Chips | Ill: Bentonite Chips Location: 160 - 108th Street South, Tacoma, Washington 98444 | | | | | | | |

| mdd | | | sistance, | | | | | |
|------------------|-----------|--------------------|----------------------------------|----------|--------------|--|----|-------------|
| PID Reading, ppm | Sample ID | Sample Type | Sampling Resistance, blows/ft | GW Depth | Depth (feet) | MATERIAL DESCRIPTION | | Graphic Log |
| | ە م | s I | S d | Ö | | Gray, SILTY SAND with gravel, damp | | |
| 0.0 0.1 | | \vdash | | | - | | -1 | |
| 0.1 | B19-2-3 | H | | | + | | -1 | |
| 0.0 | D13-2-3 | $\left + \right $ | | | + | | | |
| 1.6 | B19-4-5 | \vdash | | | + | Brown SILT with interbedded silt, damp | | |
| 0.2 | | H | | | 5 | | | |
| | | | | | 1 | . Grayish brown SILT with sandy silt interbedded, damp to wet | | |
| 0.8 | B19-7-8 | \square | | | 1 | | | |
| 0.4 | | | | | I | | | |
| 0.0 | B19-9-10 | Ш | | | 10- | _ | | |
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| 0.0 | | Ш | | | 4 | | _ | |
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| 0.0 | B19-13-14 | μ | | | | Refusal at 14 feet bgs | | ШШ |
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| \square | | | | | | The Riley Group, Inc. 17522 Bothell Way NE, Bothell, WA 98011 | | |



| PID Reading, ppm Sample ID Sample Type | Sampling Resistance, blows/ft | GW Depth | Depth (feet) | | | MATERIAL DES | CRIPTION | Graphic Log | | | | | |
|--|------------------------------------|----------|---------------------|-----------------------|---|---|----------|-------------|--|--|--|--|--|
| 1 2 3 | 4 | 5 | 6 | | 7 | | 8 | | | | | | |
| COLUMN DESCRIPTIONS | | | | | | | | | | | | | |
| PID Reading, ppm: The reading from a photo-ionization detector, in parts per million. Sample ID: Sample identification number. Sample Type: Type of soil sample collected at the depth interval shown. 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. GW Depth: Groundwater depth in feet below the ground surface. GW Depth: Groundwater depth in feet below the ground surface. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text. Graphic Log: Graphic depiction of the subsurface material encountered. | | | | | | | | | | | | | |
| FIELD AND LABC | RATOR | Y TEST | ABBRE | EVIATIONS | | | | | | | | | |
| CHEM: Chemical tests to assess corrosivityPI: Plasticity Index, percentCOMP: Compaction testSA: Sieve analysis (percent passing No. 200 Sieve)CONS: One-dimensional consolidation testUC: Unconfined compressive strength test, Qu, in ksfLL: Liquid Limit, percentWA: Wash sieve (percent passing No. 200 Sieve) | | | | | | | | | | | | | |
| MATERIAL GRAP | | MBOLS | | | | | | | | | | | |
| No material type. Silty SAND (SM) SILTY CLAY (CL-ML) SILT, SILT w/SAND, SANDY SILT (ML) Peat Peat | | | | | | | | | | | | | |
| | | | | e | | | | | | | | | |
| TYPICAL SAMPLI ∏ Shelby Tube (T | | d III | CME Sa | _ | her Sample | <u>OTHER GRAPHIC SYMBOLS</u> — [─] Water level (at time of drilling, ATD) | | | | | | | |
| fixed head) | | | Continue | ous Core Sampler | ch-OD unlined split on (SPT) Iby Tube (Thin-walled, | ✓ Water level (after waiting) Minor change in material properties within a stratum | | | | | | | |
| Bulk Sample 3-inch-OD Calif | ornia w/ | Ш | Grab Sa 2.5-inch | Imple -OD Modified | d head) | – Inferred/gradational contact between strata | | | | | | | |
| brass rings | -?- Queried contact between strata | | | | | | | | | | | | |
| GENERAL NOTES | <u> </u> | | | | | | | | | | | | |

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.