November 12, 2007

Mr. Wayne Norman
Frontier Bank
221 West Gowe Street
Kent, Washington 98032

RE: Geophysical Survey & Limited Phase II Subsurface Investigation Letter Report
Dominic's Plaza
9635 Des Moines Memorial Drive
Seattle, Washington
RGI Project#: 2007-234B

Dear Mr. Norman:

The Riley Group, Inc. (RGI) is pleased to present our Geophysical Survey & Limited Phase II Subsurface Investigation findings, conclusions, and recommendations (if any) for the above-referenced Site located at 9635 Des Moines Drive, Seattle, Washington (Figure 1). The subject Site is currently occupied by a single-story casino building, a residence, and a grocery store on a 3.49-acre property.

RGI understands that Frontier Bank (Client) intends to provide funds for their client's purchase of the subject Site.

PROJECT BACKGROUND

RGI conducted a Phase I Environmental Site Assessment of the Site, dated October 15, 2007. Based on our findings, the northern portion of the Site was occupied by a retail gasoline service station from approximately the 1960s to 1970s (Figure 2). During that time, several underground storage tanks (USTs) with associated fuel dispensers were utilized on-Site. Our Phase I ESA concluded that the location, status and subsurface conditions in the vicinity of the former UST system (USTs, pump islands, etc.) were unknown. In addition, the existing Site residence was served by an estimated 300-gallon heating oil UST which was likely installed in 1950.

Our Phase I ESA also concluded that the west-adjoining, inferred upgradient, former Clarklift property had documented impacts to shallow groundwater and a history of UST usage. The inferred groundwater flow direction is towards the north-northeast based on topography and local surface water flow patterns.

RGI concluded that the former on-Site former gasoline service station and heating oil UST and the inferred upgradient former Clarklift property posed a risk to Site soils and/or shallow groundwater quality.

Main Office: 17522 Bothell Way NE, Bothell, WA 98011
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SCOPE OF WORK

The purpose of this investigation was an attempt to determine if abandoned USTs existed on the Site and to determine whether Site soils and/or shallow groundwater had been adversely affected by the existing or former Site USTs and/or the west adjoining former Clarklift industrial facility. This preliminary scope of work was not intended to fully delineate the nature and extent of contamination encountered during our subsurface investigation (if any).

The scope of work performed for this project was in general accordance with our *Geophysical Survey & Limited Phase II Subsurface Investigation Proposal*, dated October 17, 2007 and authorized by Frontier Bank on October 22, 2007.

PRIVATE AND PUBLIC UTILITY LOCATE

At least 48 hours prior to test probing, RGI contacted One-Call to locate known public underground utilities. RGI also contracted with a private utility locate service to identify underground utilities not marked by the public locate service.

GEOPHYSICAL SURVEY

RGI attempted to locate abandoned USTs or former UST locations associated with the former on-site gasoline service station by geophysical survey. RGI subcontracted and supervised the geophysical contractor to perform the survey using geophysical exploration methods. The survey utilized a ground penetrating radar (GPR) units to traverse the suspect areas of the Site.

Several traverses were made with the GPR equipment across the interpreted area of the former fuel storage tanks associated with the historic gasoline station. No anomalies suggestive of remaining USTs were observed. The presence of multiple steel storage containers in the central portion of the parking lot area prevented our survey for abandoned USTs in the vicinity of the former service station building footprint. Therefore, the potential for other abandoned USTs (such as waste oil or heating oil USTs) remains in this area not surveyed.

The GPR survey technique typically provides good information on the location of possible USTs and other buried objects. However, because of the numerous variables involved in geophysical investigations, there is a possibility that some subsurface features may not be detected, including possible USTs. Other buried features, such as foundations, pipes, rubble, etc., may complicate the interpretation of the geophysical data.

Due to several large storage containers on-site covering the interpreted former gasoline service station building location at the time of our subsurface investigation, that particular target exploration area planned for the geophysical survey and/or our subsurface investigation was not accessible

SUBSURFACE INVESTIGATION AND SAMPLING

On October 26, 2007, RGI advanced a total of 10 test probes on the Site property for the purposes of collecting soil and shallow groundwater grab samples. Test probes were advanced to approximately 11 to 14 feet below ground surface (bgs) by our drilling subcontractor using a truck-mounted strataprobe rig. A strataprobe is a hydraulic and percussion drive-point sampler.

Test probes SP-01 and SP-02 were advanced to sample soil and shallow groundwater (if present) proximal to the heating oil UST at the northwest corner of the residence. Test probes SP-03, SP-04, and SP-05 were positioned to sample soil and shallow groundwater (if present) along the shared property line with the adjoining former Clarklift facility. Probes SP-06 through SP-10 were advanced at the interpreted locations of the former gasoline service station fueling

system and down-gradient of the station. Approximate test probe locations are shown on the attached Figure 2.

Soils across the site generally consisted of approximately six to eight feet of fine to medium-grained sand overlying a silty clay with organic matter. The soils encountered at test probes SP-01, SP-02, and SP-04 exhibited strong petroleum odors and elevated field screening readings.

Shallow groundwater was intercepted by eight of the 10 test probes advanced during this project. When present, groundwater was encountered at depths ranging between six and 10 feet on the southern portion of the Site and at three to four feet bgs on the northern portion of the Site. Shallow groundwater was not intercepted during test probing at SP-02 and SP-03. All test probes were advanced until refusal.

Groundwater pumped from test probe SP-02, adjacent to the heating oil UST, exhibited a moderate to heavy petroleum sheen. Additional detailed information regarding subsurface conditions is provided in the attached test probes logs.

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Standard Sampling Protocols

Continuous soil samples were collected from all test probe locations, inspected, and field screened for the presence of volatile organic compounds (VOCs) using water sheen tests and a portable gas analyzer equipped with a photo-ionization detector (PID). Up to four discrete soil samples were collected per test probe (a total of 32 discrete soil samples were collected for this project).

Soil conditions encountered were described using the Unified Soil Classification System (USCS). Soil samples collected for analysis of VOCs were collected using the Washington State Department of Ecology required 5035 sampling method.

Following soil sampling, shallow groundwater grab samples were collected at each test probe location where encountered. A total of eight groundwater grab samples were collected during this project. Groundwater grab samples were collected down hole (either through the drive rods or through a temporarily installed 1-inch PVC well screen) using a peristaltic pump and disposable polyvinyl tubing under low-flow conditions.

All samples were collected in accordance with our standard operating and decontamination procedures. Samples were placed in preconditioned sterilized-containers provided by an Ecology accredited analytical laboratory. All test probe holes were abandoned using hydrated bentonite chips and patched to match existing grade (gravel, ready mix concrete, or asphalt patch). All test probe and sampling equipment were decontaminated using Alconox® soap and tap water between sampling events.

Note: Groundwater grab samples may not be representative of groundwater conditions or quality (due to the increased sample turbidity associated with the sampling method). To obtain samples that are definitively representative of groundwater would require the installation, development, and sampling of groundwater monitoring wells, which is not the objective of this study. The objective of this study is to determine whether, and in relative terms, groundwater has been adversely affected by the potential contaminants of concern. Groundwater grab sampling satisfies this preliminary project objective as well as providing useful information regarding where to locate groundwater monitoring wells should that be required.

Disposal of contaminated soil cuttings and/or groundwater (if any) were not included in our scope of work but can be provided upon request at additional cost.

ANALYTICAL LABORATORY ANALYSIS

The soil and groundwater samples were submitted to an Ecology-accredited, third party analytical laboratory for analysis as outlined below. Groundwater grab samples and/or soil samples showing the highest field screening result or evidence of contamination were selected for one or more of the following laboratory analysis.

- Petroleum Hydrocarbon Identification (as gasoline, diesel, and oil TPH) using Ecology's qualitative Test Method NWTPH-HCID.
- Gasoline-range total petroleum hydrocarbons (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 cleanup[1].
- Halogenated Volatile Organic Compounds (HVOCs) using EPA Test Method 8260.

Laboratory analytical results were analyzed under normal turnaround times as requested by the client.

FINDINGS

Soil and groundwater grab sample analytical results and the applicable cleanup levels are summarized in Table 1 and Table 2, respectively and are discussed below. Sample analytical results are compared to the Washington State Department of Ecology Model Toxics Control Act (MTCA) Method A (or B) Cleanup Levels for Unrestricted Land Use (WAC 173-340-900, Table 740-1) and the MTCA Method A (or B) Cleanup Levels for Groundwater (WAC 173-340-900, Table 720-1). MTCA Method B Cleanup Levels are referenced when no corresponding MTCA Method A Cleanup Level is published.

Single Family Residence Heating Oil UST

Test probes SP-01 and SP-02 advanced adjacent to the single family residence 300 gallon heating oil UST encountered diesel-affected soils and shallow groundwater. Soil samples collected at the 5.5 foot (SP-02) and 8-foot (SP-01) sampling depth intervals had diesel TPH concentrations of 10,000 mg/kg and 4,900 mg/kg, respectively. In comparison, the MTCA Method A Soil Cleanup Level for diesel and oil TPH is 2,000 mg/kg.

The groundwater grab sample collected from test probe SP-01 had a diesel TPH concentration of 1,500,000 ug/L (and heavy oil TPH concentration of 37,000 ug/L). The MTCA Method A Groundwater Cleanup Level for diesel and oil TPH is 500 ug/L. The high TPH concentration in groundwater appears to represent the presence of floating free petroleum product on top of the shallow groundwater.

Former Site Gasoline Service Station

Test probes SP-07 to SP-10 were advanced in the immediate proximity of the Site's inferred former fuel USTs and pump island locations. Test probe SP-06 was located inferred down-gradient of the former service station. Three of the four test probes (SP-06, SP-09, and SP-10) intercepted soils and/or groundwater with either non-detectable TPH and BTEX concentrations, or concentrations below the applicable MTCA Cleanup Levels. Groundwater grab sample SP-

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

09-H_2O had non-detectable concentrations of HVOCs. Test probe SP-07, located in the immediate vicinity of the former pump island, and inferred downgradient of the former fuel UST nest, intercepted shallow groundwater with a diesel TPH concentration of 740 ug/L, gasoline TPH of 1,200 ug/L, and benzene of 17 ug/kg (all above their respective MTCA Method A Groundwater Cleanup Levels). The MTCA Method A Groundwater Cleanup Levels for diesel, gasoline TPH, and benzene are 500 ug/L. 800 ug/L, and 5 ug/L, respectively.

Test probe SP-08, inferred downgradient of the approximate former service station building, intercepted soils at six feet bgs with a diesel and oil TPH concentration of 520 mg/kg and 4,200 mg/kg, respectively. The MTCA Method A Soil Cleanup Level for diesel and oil TPH 2,000 mg/kg.

Former Clarklift Property (West Adjoining)

Test probes SP-03, SP-04, and SP-05 were advanced along the west property line and inferred downgradient of the west adjoining former Clarklift property.

Test probe SP-04 intercepted shallow groundwater with elevated concentrations of diesel and oil TPH (3,700 ug/L and 2,900 ug/L, respectively), cis-1,2-Dichloroethene (18 ug/L), trichloroethene (1.9 ug/L), vinyl chloride (3.8 ug/L). The MTCA Method A Groundwater Cleanup Level for diesel/oil TPH is 500 ug/L. The MTCA Method A Groundwater Cleanup Levels for trichloroethene and vinyl chloride are 5 ug/L, and 0.2 ug/L respectively. Gasoline TPH and trace BTEX were also detected, but at concentrations below the MTCA Method A Groundwater Cleanup Levels.

Test probe SP-05 intercepted shallow groundwater with concentrations of gasoline TPH at 250 ug/L, diesel TPH at 410 ug/L, and trace concentrations of ethylbenzene and xylenes, all these results are below the applicable MTCA Method A Groundwater Cleanup Levels.

Test probe SP-03 did not encounter shallow groundwater during test probing.

Based on an inferred groundwater flow direction (north to northeast), the potential exists that the west adjoining property may have adversely affected Site shallow groundwater intercepted by test probes SP-04 and SP-05.

CONCLUSIONS & RECOMMENDATIONS

Single Family Residence Heating Oil UST

Field evidence and laboratory testing of both soil and shallow groundwater has confirmed a release of heating oil fuel (diesel range TPH) to the subsurface environment from the in-use approximately 300-gallon residential heating oil UST. The nature and extent of contamination is not known at this time. Acknowledging the close proximity of the UST to the basement of the residence, a potential exists for heating oil fuel to have infiltrated the backfill surrounding and beneath the basement floor slab and may possibly present a vapor intrusion to indoor air pathway.

RGI recommends the removal of the heating oil UST as soon as practical in an effort to stop any on-going petroleum releases. RGI recommends additional sampling and testing to determine the nature and extent of contamination and an evaluation for the presence of petroleum vapors within the basement of the residence. A cleanup action of both soils and shallow groundwater will be necessary to bring the Site into compliance with the MTCA Cleanup Regulations.

Since an apparent petroleum release from the heating oil UST has occurred, the current owner of the subject Site is hereby notified of the following reporting obligations to Ecology:

- *Any owner or operator who has information that a hazardous substance has been release to the environmental and may be a threat to human health of the environment shall report such information to the department of Ecology within ninety days of discovery (WAC 173-340-300).* The Ecology Northwest Region phone number to report the release is (425) 649-7229.

Former Clarklift Property (West Adjoining)

Field evidence and laboratory testing has confirmed that shallow groundwater along the subject Site's west property line has been adversely affected by gasoline, diesel, and oil-range petroleum hydrocarbons, vinyl chloride, and other HVOCs. Based on the analytical results and inferred north to northeast groundwater flow direction, it appears the west adjoining former Clarklift (currently Pacific Material Handling) facility has adversely affected the Site soil and groundwater. The nature and extent of contamination migrating from the off-site former Clarklift facility is unknown, but at this time appears limited to the northwestern portion of the Site.

RGI recommends further assessment to better define the nature and extent of contamination. Any contemplated cleanup action would by necessity involve the west adjoining property owner(s) and/or operator and RGI recommends that the client seek legal counsel in this regard.

Former Site Gasoline Service Station

The results of the geophysical survey suggested that the former fuel USTs and associated product piping have been removed. However, due to several large storage and shipping containers on-site at the time of our survey, the presence of any abandoned waste oil or heating oil USTs remain unknown. RGI recommends that the geophysical survey be completed following removal of the shipping containers.

The results of the preliminary Phase II investigation suggested limited impacts to soil and shallow groundwater associated with the former on-Site gasoline service station. Only one of five test probes advanced in the vicinity of the former fuel USTs and pump islands yielded gasoline TPH, benzene, and diesel TPH concentrations in groundwater exceeding the MTCA Method A Groundwater Cleanup Levels. Due to the groundwater contamination encountered, RGI recommends the installation of groundwater monitoring wells to confirm the groundwater concentrations. Perform monitoring to evaluate if natural attenuation and degradation of the contaminants of concern is occurring and to determine groundwater gradient and direction. If it is determined after groundwater monitoring that natural attention and/or degradation of the contaminants of concern is not occurring, a cleanup action would be necessary to bring the Site into compliance with the MTCA Cleanup Regulations.

In addition, RGI recommends additional subsurface investigation after the existing storage containers are removed and the former service station building location is more accessible.

Since the an apparent petroleum release from the former fuel UST system has occurred, the current owner of the subject Site is hereby notified of the following reporting obligations to Ecology:

- *Releases from underground storage tanks shall be reported the owner or operator of the underground storage tank within twenty-four hours of the release confirmation in accordance with WAC 173-340-450.* The Ecology Northwest Region phone number to report the release is (425) 649-7229.

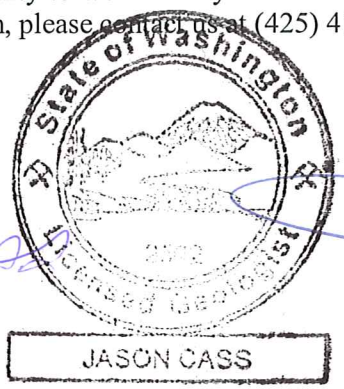
PROJECT LIMITATIONS

This report is the property of The Riley Group, Inc., Frontier Bank, 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 Dominic's Plaza property located at 9635 Des Moines Memorial Drive South, Seattle, 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. Conditions may vary at other locations and/or depths. Additional changes may occur in legislative standards, which may or may not be applicable to this report. These changes, beyond Riley'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 appreciate the opportunity to work with you on this project. If you have any questions, or need additional information, please contact us at (425) 415-0551.

Sincerely,
THE RILEY GROUP, INC.

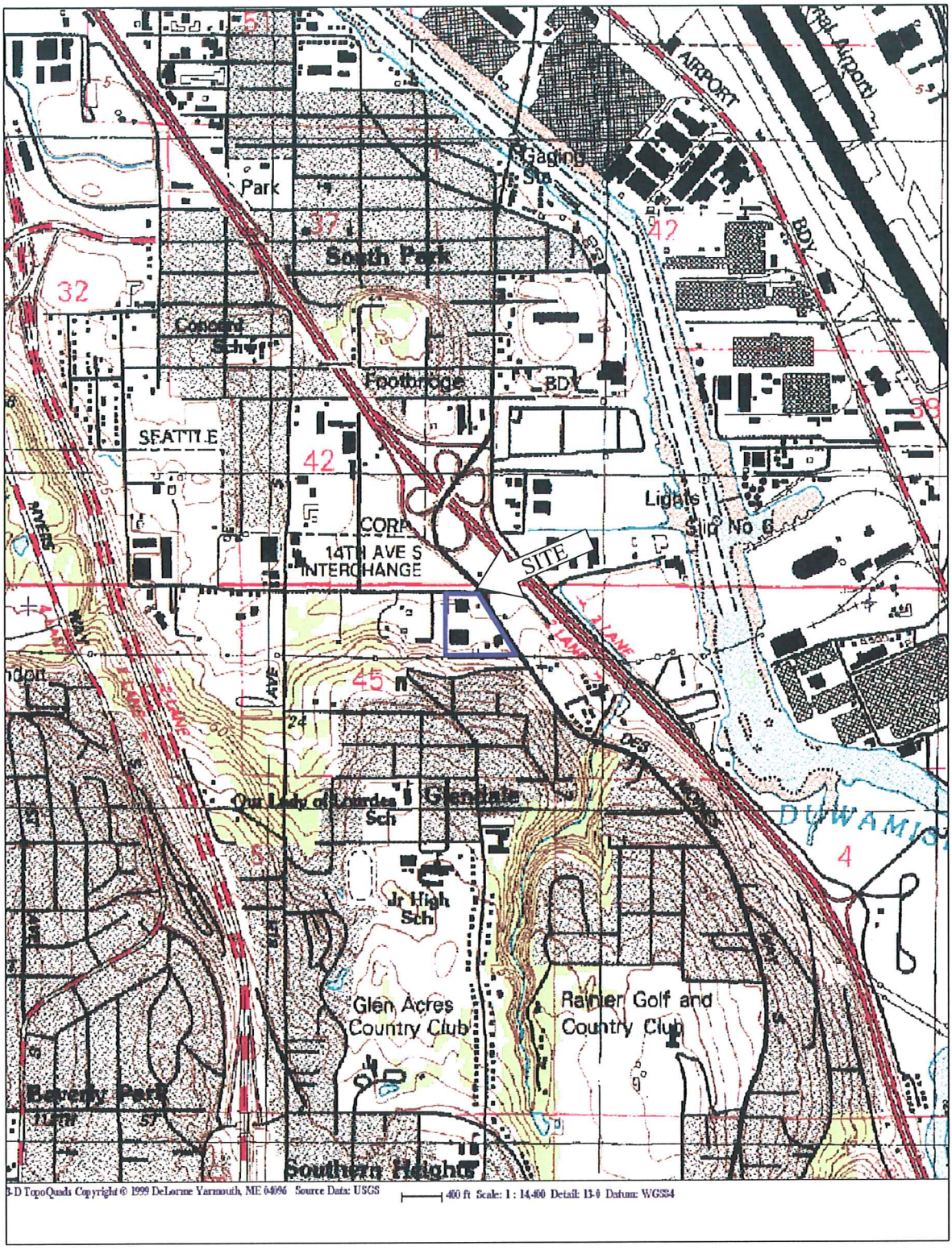


Jason Cass, L.G.
Senior Geologist

Paul D. Riley, LG, LHG
Principal

Attachments
Table 1 - Soil Data
Table 2 – Groundwater Data
Figure 1 – Vicinity Map
Figure 2 – Site Sampling Plan
Appendix A – Laboratory Data Sheets
Appendix B – Soil Boring Logs

Report Distribution *Frontier Bank (three bound copies and electronic PDF)*



0 300' 600' 1,200'

Approximate Scale In Feet

USGS, 1983 Seattle South, Washington
7.5-Minute Quadrangle

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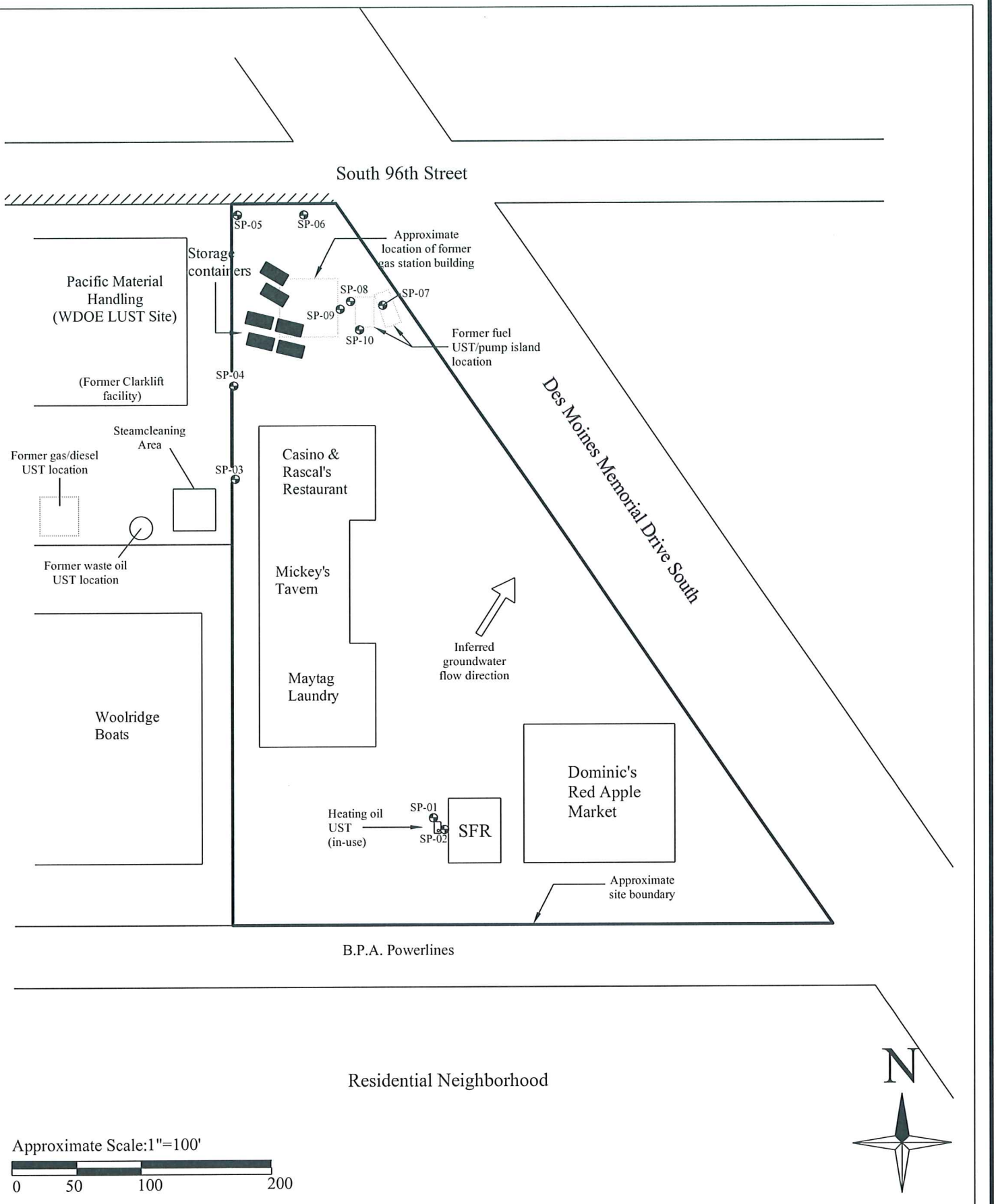
The Riley Group, Inc.
17522 BOTHELL WAY NE
BOTHELL, WASHINGTON 98011

Dominics Plaza Commercial Center	*Figure 1*
Project # 2007-234B	*Site Vicinity Map*
Site Address: 9635 Des Moines Memorial Drive, Seattle, Washington	



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

Dominic's Plaza		*Figure 2*
Project Number 2007-234B	*Boring Locations & Site Sketch*	*Date Drawn: 11/07/07*
Address: 9635 Des Moines Memorial Drive, Seattle, Washington		

Table 1 **Summary of Soil Sample Results.**
Dominic's Plaza
9635 Des Moines Memorial Drive, Seattle, Washington
The Riley Group, Inc. Project #2007-234B

Sample Number	Sample Depth (ft. bgs)	PID Result (ppmv)	Gas TPH	B	T	E	X	Diesel TPH	Oil TPH
SP-01-06	6	0.1	----	----	----	----	----	----	----
SP-01-08	8	100	----	----	----	----	----	**4,900**	ND < 250
SP-01-10	10	21	----	----	----	----	----	----	----
SP-01-12	12	42	----	----	----	----	----	----	----
SP-02-5.5	5.5	137	----	----	----	----	----	**10,000**	ND < 250
SP-02-7.5	7.5	106	----	----	----	----	----	----	----
SP-02-12	12	78	----	----	----	----	----	----	----
SP-02-14	14	5	----	----	----	----	----	----	----
SP-03-04	4	1	----	----	----	----	----	----	----
SP-03-08	8	0	ND < 20*	----	----	----	----	ND < 50*	ND < 250*
SP-03-11	11	0	----	----	----	----	----	----	----
SP-04-04	4	0	----	----	----	----	----	----	----
SP-04-08	8	0	----	----	----	----	----	----	----
SP-04-9.5	9.5	10	ND < 2	ND < 0.02	ND < 0.02	ND < 0.02	ND < 0.06	**900**	**3,900**
SP-04-12	12	0	----	----	----	----	----	----	----
SP-05-04	4	0	----	----	----	----	----	----	----
SP-05-08	8	0	----	----	----	----	----	----	----
SP-05-12	12	0	----	----	----	----	----	----	----
SP-06-04	4	0	----	----	----	----	----	----	----
SP-06-08	8	0	----	----	----	----	----	----	----
SP-06-12	12	1	----	----	----	----	----	----	----
SP-07-04	4	16	43	ND < 0.02	0.06	0.39	0.34	----	----
SP-07-08	8	20	----	----	----	----	----	----	----
SP-07-12	12	2	----	----	----	----	----	----	----
SP-08-04	4	0	----	----	----	----	----	----	----
SP-08-06	6	0	----	----	----	----	----	520	**4,200**
SP-08-07	7	0	----	----	----	----	----	----	----
SP-09-04	4	0	----	----	----	----	----	----	----
SP-09-08	8	1	----	----	----	----	----	----	----
SP-10-04	4	0	----	----	----	----	----	----	----
SP-10-06	6	0	----	----	----	----	----	----	----
SP-10-12	12	0	----	----	----	----	----	----	----
MTCA Method A or B^ Soil Cleanup Levels			**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**

All soil samples collected by RGI field staff on October 26, 2007.

Unless otherwise noted, results are given in milligrams per kilogram (mg/kg), equivalent to parts per million (ppm).

Gas TPH= Gasoline total petroleum hydrocarbons determined using Ecology Test Method NWTPH-Gx

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

Diesel and oil TPH, diesel and oil range total petroleum hydrocarbons (TPH) determined using Ecology Test Method NWTPH-Dx with silica gel cleanup.

*= TPH results based on Ecology's petroleum hydrocarbon qualitative test method NWTPH-HCID.

ND= non-detect, contaminant 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.

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 Summary of Groundwater Grab Sample Results.
Dominic's Plaza
9635 Des Moines Memorial Drive, Seattle, Washington
The Riley Group, Inc. Project #2007-234B

Sample Number	Depth to Water (BGS)	Gas TPH	BTEX				Diesel TPH	Oil TPH	HVOCs
			B	T	E	X			
SP-01-H2O	7.5	----	----	----	----	----	**1,500,000**	**37,000**	----
SP-04-H2O	6.0	370	ND < 1	ND < 1	3	15	**3,700**	**2,900**	**VC = 3.8,** cis 1,2 DCE = 18, TCE = 1.9
SP-05-H2O	8.0	250	ND < 1	ND < 1	2	10	410	ND < 360	----
SP-06-H2O	8.5	ND < 100	ND < 1	ND < 1	ND < 1	4	----	----	----
SP-07-H2O	3.0	**1,200**	**17**	6	6	30	**740**	ND < 250	----
SP-08-H2O	3.5	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	67	ND < 250	----
SP-09-H2O	3.5	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	76	ND < 250	ND
SP-10-H2O	3.5	ND < 200*	----	----	----	----	150	ND < 250	---
MTCA Method A or B^ Groundwater Cleanup Levels		**800/1,000[1]**	**5**	**1,000**	**700**	**1,000**	**500**	**500**	**VC = 0.2 cis-1,2-DCE = 80^ TCE = 5**

Groundwater grab samples collected by RGI field staff on October 26, 2007 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).

Gas TPH= Gasoline total petroleum hydrocarbons determined using Ecology Test Method NWTPH-Gx

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

Diesel and oil TPH, diesel and oil range total petroleum hydrocarbons determined using Ecology Test Method NWTPH-Dx with silica gel cleanup.

HVOCs= Halogenated Volatile Organic Compounds determined using EPA Test Method 8260. Only detected chemicals and their result are shown in table, all other HVOCs were not detected at the analytical detection limit.

VC = vinyl chloride.

cis-1,2-DCE = cis-1,2-Dichloroethene.

TCE = Trichloroethene.

*, TPH results based on Ecology's petroleum hydrocarbon qualitative test method NWTPH-HCID.

ND, non-detect, contaminant 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.

MTCA, Washington State Department of Ecology Model Toxics Control Act. **Bold** and shaded (in yellow) concentrations, if any, are above MTCA Method A or B Cleanup Levels for Groundwater (WAC 173-340-900, Table 720-1). MTCA Method B Standard Formula Values are used where no Method A values are published by Ecology.

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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Seattle, WA 98119-2029
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e-mail: fbi@isomedia.com

November 5, 2007

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

Dear Mr. Cass:

Included are the results from the testing of material submitted on October 29, 2007 from the 2007-234b, F&BI 710376 project. There are 17 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
TRG1105R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 29, 2007 by Friedman & Bruya, Inc. from the The Riley Group, Inc. 2007-234b, F&BI 710376 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group, Inc.
710376-01	SP-01-06
710376-02	SP-01-08
710376-03	SP-01-10
710376-04	SP-01-12
710376-05	SP-01-H2O
710376-06	SP-02-5.5
710376-07	SP-02-7.5
710376-08	SP-02-12
710376-09	SP-02-14
710376-10	SP-03-04
710376-11	SP-03-08
710376-12	SP-03-12
710376-13	SP-04-04
710376-14	SP-04-08
710376-15	SP-04-9.5
710376-16	SP-04-12
710376-17	SP-04-H2O
710376-18	SP-05-08
710376-19	SP-05-12
710376-20	SP-06-04
710376-21	SP-06-08
710376-22	SP-06-12
710376-23	SP-05-H2O
710376-24	SP-06-H2O
710376-25	SP-07-04
710376-26	SP-07-08
710376-27	SP-07-H2O
710376-28	SP-08-04
710376-29	SP-08-06
710376-30	SP-08-07
710376-31	SP-08-H2O
710376-32	SP-09-04
710376-33	SP-09-08
710376-34	SP-09-H2O
710376-35	SP-10-04
710376-36	SP-10-08
710376-37	SP-10-H2O

All quality control requirements were acceptable.

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 10/31/07

RESULTS FROM THE ANALYSIS OF THE 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

Sample ID Laboratory ID	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 50-150)
SP-10-H2O 710376-37	ND	D	ND	93
Method Blank	ND	ND	ND	82

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 10/31/07

RESULTS FROM THE ANALYSIS OF THE 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	Gasoline	Diesel	Heavy Oil	Surrogate (% Recovery) (Limit 50-150)
SP-03-08 710376-11	ND	ND	ND	96
Method Blank	ND	ND	ND	89

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 10/31/07

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

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
SP-04-H2O 710376-17	<1	<1	3	15	370	100
SP-05-H2O 710376-23	<1	<1	2	10	250	99
SP-06-H2O 710376-24	<1	<1	<1	4	<100	97
SP-07-H2O 710376-27	17	6	6	30	1,200	117
SP-08-H2O 710376-31	<1	<1	<1	<3	<100	93
SP-09-H2O 710376-34	<1	<1	<1	<3	<100	92
Method Blank	<1	<1	<1	<3	<100	79

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 10/31/07

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)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
SP-04-9.5 710376-15	<0.02	<0.02	<0.02	<0.06	<2	68
SP-07-04 710376-25	<0.02	0.06	0.39	0.34	43	108
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	93

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 11/01/07 and 11/02/07

RESULTS FROM THE ANALYSIS OF THE 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)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-132)
SP-01-H2O d 710376-05 1/100	1,500,000	37,000 y	ip
SP-04-H2O 710376-17	3,700	2,900	90
SP-05-H2O dv 710376-23	410	<360	88
SP-07-H2O 710376-27	740 x	<250	88
SP-08-H2O 710376-31	67	<250	83
SP-09-H2O 710376-34	76	<250	94
SP-10-H2O 710376-37	150	<250	85
Method Blank	<50	<250	76

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376
Date Extracted: 10/30/07
Date Analyzed: 10/31/07

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)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 67-127)
SP-01-08 710376-02	4,900	<250	93
SP-02-5.5 710376-06	10,000	<250	110
SP-04-9.5 710376-15	900 x	3,900	89
SP-08-06 710376-29	520 x	4,200	91
Method Blank	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	SP-04-H2O	Client:	The Riley Group, Inc.
Date Received:	10/01/07	Project:	2007-234b, F&BI 710376
Date Extracted:	10/01/07	Lab ID:	710376-17
Date Analyzed:	11/02/07	Data File:	110127.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	78	75	125
1,2-Dichloroethane-d4	76	67	133
Toluene-d8	86	79	129
4-Bromofluorobenzene	118	76	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	3.8
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	18
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	1.9
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	SP-09-H2O	Client:	The Riley Group, Inc.
Date Received:	10/01/07	Project:	2007-234b, F&BI 710376
Date Extracted:	10/01/07	Lab ID:	710376-34
Date Analyzed:	11/02/07	Data File:	110128.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	78	75	125
1,2-Dichloroethane-d4	76	67	133
Toluene-d8	86	79	129
4-Bromofluorobenzene	122	76	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234b, F&BI 710376
Date Extracted:	11/01/07	Lab ID:	071700 mb
Date Analyzed:	11/01/07	Data File:	110114.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	79	75	125
1,2-Dichloroethane-d4	77	67	133
Toluene-d8	87	79	129
4-Bromofluorobenzene	122	76	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

Note: The reporting limit for vinyl chloride is equal to the MDL.

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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: 710385-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	ug/L (ppb)	77	75	3
Toluene	ug/L (ppb)	43	42	2
Ethylbenzene	ug/L (ppb)	35	34	3
Xylenes	ug/L (ppb)	79	78	1
Gasoline	ug/L (ppb)	3,800	3,800	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	110	65-118
Toluene	ug/L (ppb)	50	113	72-122
Ethylbenzene	ug/L (ppb)	50	114	73-126
Xylenes	ug/L (ppb)	150	114	74-118
Gasoline	ug/L (ppb)	1,000	100	69-134

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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: 710378-04 (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	84	70-130
Toluene	mg/kg (ppm)	0.5	84	70-130
Ethylbenzene	mg/kg (ppm)	0.5	86	70-130
Xylenes	mg/kg (ppm)	1.5	84	70-130
Gasoline	mg/kg (ppm)	20	89	70-130

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	99	90	67-141	10

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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

Laboratory Code: 710384-11 (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	104	101	69-125	3

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	70-127

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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

Laboratory Code: 710419-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Vinyl chloride	ug/L (ppb)	<0.2	<0.2	nm
Chloroethane	ug/L (ppb)	<1	<1	nm
1,1-Dichloroethene	ug/L (ppb)	<1	<1	nm
Methylene chloride	ug/L (ppb)	<5	<5	nm
trans-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
1,1-Dichloroethane	ug/L (ppb)	<1	<1	nm
cis-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
1,2-Dichloroethane (EDC)	ug/L (ppb)	<1	<1	nm
1,1,1-Trichloroethane	ug/L (ppb)	<1	<1	nm
Trichloroethene	ug/L (ppb)	<1	<1	nm
Tetrachloroethene	ug/L (ppb)	45	46	2

Laboratory Code: 710390-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	121	30-160
Chloroethane	ug/L (ppb)	50	<1	117	19-172
1,1-Dichloroethene	ug/L (ppb)	50	<1	139	35-146
Methylene chloride	ug/L (ppb)	50	<5	124	68-124
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	122	69-124
1,1-Dichloroethane	ug/L (ppb)	50	<1	114	71-124
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	120	77-124
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	109	71-128
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	120	67-131
Trichloroethene	ug/L (ppb)	50	<1	103	73-118
Tetrachloroethene	ug/L (ppb)	50	<1	97	74-126

Date of Report: 11/05/07
Date Received: 10/29/07
Project: 2007-234b, F&BI 710376

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	91	48-142
Chloroethane	ug/L (ppb)	50	87	28-161
1,1-Dichloroethene	ug/L (ppb)	50	97	61-127
Methylene chloride	ug/L (ppb)	50	96	59-131
trans-1,2-Dichloroethene	ug/L (ppb)	50	101	75-122
1,1-Dichloroethane	ug/L (ppb)	50	99	79-114
cis-1,2-Dichloroethene	ug/L (ppb)	50	106	78-122
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	99	77-118
1,1,1-Trichloroethane	ug/L (ppb)	50	99	72-129
Trichloroethene	ug/L (ppb)	50	98	78-115
Tetrachloroethene	ug/L (ppb)	50	100	81-117

SAMPLE CHAIN OF CUSTODY

Send Report To JASON CASS

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell, WA 98011

Phone # (425) 415-0551 Fax # (425) 415-0311

SAMPLERS *(signature)*

PROJECT NAME/NO. 2007-2346

PO #

REMARKS

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							Notes
SP-01-06		10/26	8:51	SOIL	1													
SP-01-08			8:46			✓												
SP-01-10			8:57															
SP-01-12			8:58															
SP-01-H_2O			9:09	H_2O		✓												
SP-02-5.5			9:27	SOIL		✓												
SP-02-7.5			9:28															
SP-02-12			9:30															
SP-02-14			9:48															
SP-03-04			10:20		5													

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Jason Cass	Jason Cass	RGI	10/29	11:20
Received by:	Eric Young	F&B	10/29	1320
Relinquished by:				
Received by:				

SAMPLE CHAIN OF CUSTODY

Send Report To JASON CASS

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell, WA 98011

Phone # (425) 415-0551 Fax # (425) 415-0311

SAMPLERS (signature)

PROJECT NAME/NO. 2007-2346

PO #

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	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	Chlorinated VOCs by 8260	SVOCs by 8270	HFS	NWTPH-HCID						Notes
SP-03-08		10/26	10:30	SOIL	5							✓						
-12			10:35															
SP-04-04			10:46															
-08			10:50															
-9.5			11:00			✓	✓	✓	✓									
-12			11:07															
-H_2O			11:15	H_2O	3	✓	✓	✓	✓									
SP-05-08			11:40	SOIL	5													
-12			11:50		5													
SP-06-04			12:05		4													

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

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Jason Cass	Jason Cass	RGI	10/29	11:20
Received by:		Eric Young	F&B	10/29	1320
Relinquished by:					
Received by:					

SAMPLE CHAIN OF CUSTODY

Send Report To Jason Cass

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell, WA 98011

Phone # (425) 415-0551 Fax # (425) 415-0311

SAMPLERS (signature)

PROJECT NAME/NO. 2007-2346 PO #

REMARKS

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							Notes
SP-06-08		10/26	12:13	SOIL	4													
SP-06-12			12:15	SOIL	1													
SP-05-H2O			12:25	H2O	3	✓	✓	✓										Silica gel prep.
SP-06-H2O			1:05	H2O	1		✓	✓										" "
SP-07-04			1:26	SOIL	4		✓	✓										" "
SP-07-08			1:31	SOIL	4													
SP-07-H2O			1:55	H2O	3	✓	✓	✓										Silica gel prep
SP-08-04			2:15	SOIL	4													
SP-08-06			2:20	"	1	✓												"Silica gel"
SP-08-07			2:25	"	4													

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Jason Cass	Jason Cass	RGI	10/29	11:20
Received by: Eric Young	Eric Young	F&B	10/29	13:20
Relinquished by:				
Received by:				

SAMPLE CHAIN OF CUSTODY

Send Report To Jason Cass

Company The Riley Group

Address 17522 Bothell Way NE

City, State, ZIP Bothell, WA 98011

Phone # (425) 415-0551 Fax # (425) 415-0311

SAMPLERS (signature)

PROJECT NAME/NO. 2007-2346

PO #

REMARKS

Page # 4 of 4

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	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260 (8011 ext)	SVOCs by 8270	HFS	NWTPH-HCID						Notes
SP-08-H2O		10/26	2:45	H2O	3	✓	✓	✓										
SP-09-04			2:55	SOIL	4													
SP-09-08			3:00		4													
SP-09-H2O			3:28	H2O	3	✓	✓	✓	✓									
SP-10-04			3:38	SOIL	4													
SP-10-08			3:40		4													
SP-10-H2O			3:50	H2O	3							✓						

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Jason Cass	Jason Cass	REI	10/29	11:20
Received by:				
Relinquished by:				
Received by:				

Boring/Monitoring Well Log

Project Name: Dominic's Plaza				Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-01
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Grass

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Moist, brown, silty-sand with gravels, no odor	
0.0	SP-01-02					2		
						3		
0.0	SP-01-04					4	Dark brown sand	
						5		
0.1	SP-01-06					6	Moist, orange-brown, sandy stilt, slight odor	
						7	Moist, gray, sandy silt, has odor	
100.0	SP-01-09				▼	8	Becomes wet @ 8'	
						9		
20.7	SP-01-10					10	More silt, less sand, wet, odor decreases with depth	
						11		
42.4	SP-01-12					12	Bolt groundwater @ 12' bgs Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

The Riley Group, Inc.
17522 Bothell Way NE, Suite A
Bothell, Washington 98011
Phone: 425.415.0551 Fax: 425.415.0311

Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-02	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Grass	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Moist, brown, silty-sand with gravels, no odor	
0.0						2		
						3		
0.3						4		
						5	Moist, gray, gravelly, silty-sand changes to sandy silt with depth, strong odor.	
137.0	SP-02-5.5					6		
						7		
106.0	SP-02-7.5					8		
						9		
						10		
						11	Odor decreases with depth	
77.7	SP-02-12					12		
						13	Moist, gray, medium sand, moderate odor.	
5.0	SP-02-14					14		
						15	Boring stopped @ 14' bgs. No groundwater encountered.	
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-03	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Asphalt	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Asphalt & Fill	
						2		
						3		
0.5	SP-03-04					4		
						5		
						6	Moist, gray brown, sandy-silt, no odor	
						7		
0.1	SP-03-08					8		
						9		
						10		
0.0	SP-03-11					11		
						12	Boring stopped @ 11' bgs due to refusal. No groundwater encountered, no odors	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-04	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Landscaping	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Moist, brown, silty sand with gravels, no odor	
						2		
						3		
0.0	SP-04-04					4		
						5		
					▼	6		
						7		
0.0	SP-04-08					8	Wet, brown to light gray, silty-sand, no odor	
						9		
10.0	SP-04-9.5					10	Wet, black to dark gray, sand with gravels, petroleum odor from 8'-11'	
						11		
0.0	SP-04-12					12	Moist, gray, fine sandy silt, no odor Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-05	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Grass	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Moist, brown, silty-sand with gravels, no odor	
						2		
						3		
0.0	SP-05-04					4		
						5		
						6	Moist to wet, dark brown, sandy silt	
						7		
0.0	SP-05-08				▼	8	Abundant organic material from 5'-12' in soil	
						9		
						10	Wet, grayish brown, silt, no odor	
						11		
0.0	SP-05-12					12	Boring terminated @ 12' bgs. Groundwater @ 8'	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-06	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Grass	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Asphalt 2". Fill Sand & gravel	
						2		
						3		
0.1	SP-06-04					4	Moist, dark brown, silty-sand with gravels, slight oily odor @ 3'-4'	
						5		
						6		
						7	Moist, brown/gray, silt, no odor, abundant organic matter	
0.0	SP-06-08					8		
					▼	9		
						10	No recovery, shoe only, has slight PCS odor.	
						11		
0.5	SP-06-12					12		
						13		
						14	No recovery (12'-16')	
						15		
						16		
						17	Boring terminated @ 16' bgs	
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-07	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Asphalt	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Moist, brown, silty-sand, no odor	
						2		
15.7	SP-07-04				▼	3		
						4	Moist to wet, gray, silty-sand, slight odor	
						5		
						6		
						7		
19.8	SP-07-08					8		
						9	Wet, gray silty-sand, slight odor	
						10		
						11		
1.5	SP-07-12					12		
							Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-08	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Asphalt	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	4" Asphalt	
						2	Moist, gray, gravelly sand, slight odor @ 3'-4'	
					▼	3		
0.0	SP-08-04					4		
						5	Wet, brown, sandy silt, no odor	
						6		
0.0	SP-08-06						Moist, black, gravelly sand, no odor	
						7	Wet, gray, sand, no odor	
0.0	SP-08-07						Moist, gray/brown, sandy silt with abundant organic debris, no odor	
						8		
						9	Boring terminated @ 8' bgs	
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-09	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Asphalt	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
							Asphalt 3"	
						1	Sandy, gravel fill	
						2		
						3	Moist, black to dark gray, silty-sand, very slight odor.	
0.1	SP-09-04				▼	4		
						5	Wet, black to dark gray, silty-sand, very slight odor	
						6		
						7		
1.1	SP-09-08					8	Moist, dark brown to gray, silty with abundant organic debris, very slight odor.	
						9		
						10	No recovery	
						11		
						12		
							Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza					Sheet 1 of 1
Job No.: 2007-234B	Logged By: RS	Start Date: 10/26/2007	Completion Date: 10/26/2007	Boring No.: SP-10	
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: Continuous	
Ground Surface Elevation: Approximately 40 ft.		Hole Completion: Bentonite		Surface Conditions: Grass	

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	SPT	GW Depth	Depth	Soil Description	Boring Completion
						1	Asphalt 3" / Sandy gravel fill.	
						2	Moist, dark gray, sand with gravel, no odor.	
					▼	3		
0.1	SP-10-04					4		
						5	Wet, dark gray, sand with gravel, no odor.	
						6		
						7		
0.0	SP-10-08					8		
						9	Moist, dark brown to black/gray, silt with abundant organic debris, no odor	
						10		
						11		
0.1	SP-10-12					12		
						13	Boring terminated @ 12' bgs	
						14		
						15		
						16		
						17		
						18		
						19		
						20		

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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