January 30, 2008

Mr. Mike Leong
Sea Mar Community Health Centers
1040 South Henderson Street
Seattle, Washington 9808

RE: Supplemental Phase II and Geophysical Survey
Dominic's Plaza
9635 Des Moines Memorial Drive South
Seattle, Washington 98134
Riley Project #2007-234C

Dear Mr. Leong:

This letter report presents The Riley Group Inc.'s (RGI's) Supplemental Phase II Subsurface Investigation findings, conclusions, and recommendations (if any) associated with the installation and sampling of seven groundwater monitoring wells, two additional soil borings, and a supplemental geophysical survey located at the Dominic's Plaza retail center, 9635 Des Moines Memorial Drive South, Seattle, Washington (referred to herein as the Site); Figures 1 and 2.

Mr. Mike Leong of Sea Mar Community Health Centers (prospective purchaser of the subject site) authorized RGI to prepare and implement the scope of work outlined in this report on December 12, 2007.

SITE LOCATION & DESCRIPTION

The subject Site is currently occupied by a single-story casino building, a residence, and a grocery store on a 3.49-acre property.

PROJECT BACKGROUND

RGI Phase I ESA 2007

RGI conducted a Phase I Environmental Site Assessment of the Site, dated October 15, 2007. Based on our 2007 Phase I ESA findings, RGI concluded the following potential threats to Site soil and/or shallow groundwater quality:

- The northern portion of the Site was occupied by a retail gasoline service station from approximately the 1960s to 1970s (Figure 2). The approximate location of the former station building, fuel USTs and associated pump island dispensers are shown on Figure 2. RGI concluded that the former gasoline service station posed a threat to Site soil and/or groundwater quality.

- The existing Site single family residence was served by an estimated 300-gallon heating oil UST which was likely installed in 1950. RGI concluded that the soil and/or shallow groundwater quality in the vicinity of the heating oil UST was unknown.

- The west-adjoining, inferred upgradient, former Clarklift property had documented impacts to shallow groundwater and a history of UST usage. RGI concluded that the inferred up-gradient former Clarklift property posed a risk to Site soils and/or shallow groundwater quality.

For more discussion regarding the Phase I ESA findings, conclusions and recommendations the reader is referred to our *Phase I ESA* report dated October 10, 2007.

RGI Preliminary Phase II Subsurface Investigation November 2007

In November 2007, RGI was contracted by Client to perform a Preliminary Phase II Subsurface Investigation (Phase II) and Limited Geophysical Survey to evaluate the environmental concerns identified in the RGI Phase I ESA.

A geophysical reconnaissance of the accessible portions of the former retail gasoline station did not reveal evidence of remaining USTs. A portion of the former gasoline service station building footprint was covered by storage containers and was not accessible.

The subsurface investigation consisted of 10 test probes advanced across the Site to a maximum depth of 14 feet bgs. Test probe locations are shown in Figure 2. The soil and groundwater sample results are shown in the attached Tables 1 and 2, respectively and summarized below.

Groundwater was encountered during test probing at nine of the 10 probe locations at depths ranging from 3 feet to 10 feet bgs. Groundwater intercepted at the former fueling island location (test probe SP-07) had concentrations of gasoline and diesel total petroleum hydrocarbons (TPH) and BTEX (benzene, toluene, ethylbenzene, and total xylenes) concentrations above the applicable cleanup levels.

The two test probes (SP-01 and SP-02) advanced proximal to the single family residence heating oil UST had intercepted soil and groundwater with concentrations of diesel-range TPH above the applicable cleanup levels.

Test probe SP-04, located along the shared property line with the west-adjoining former Clarklift facility, intercepted soil and/or shallow groundwater with concentrations of oil/diesel range TPH and vinyl chloride above applicable cleanup levels.

For more discussion regarding our Preliminary Phase II findings, conclusions and recommendations, the reader is referred to our *Geophysical Survey & Limited Phase II Subsurface Investigation Letter Report*, dated November 12, 2007.

Based on our Preliminary Phase II findings, RGI concluded that Site soils and shallow groundwater had been adversely affected by the former on-Site gasoline service station,

existing heating oil UST, and possibly by the off-site west adjoining property. RGI recommended additional investigation to better define the origin and nature and extent of contamination.

SUPPLEMENTAL PHASE II INVESTIGATION

On December 12, 2007, RGI was contracted by Client to perform this Supplemental Phase II Investigation; including the installation and sampling of seven groundwater monitoring wells (MW1 to MW7), two additional test probes (B8 and B9), and a supplemental geophysical survey. The scope of work performed for this project was in general accordance with our *Supplemental Phase II Investigation Proposal*, dated December 6, 2007.

Geophysical Survey

Following the relocation of the steel storage containers from the former gasoline station location, several transects were made across the former station footprint with a ground-penetrating radar (GPR) device. No anomalies suggestive of abandoned USTs were found across the surveyed area.

Subsurface Investigation

Test probe and groundwater monitoring well locations are shown in the attached Figure 2 and discussed below. Soil and groundwater analytical results and the Ecology MTCA Soil and Groundwater Cleanup Levels (WAC 173-340) are summarized in Tables 1 and 2, respectively.

Subsurface soil conditions encountered during our subsurface investigation consisted of silty sand and silt to a depth of 10 feet bgs (the maximum extent of our investigation). Shallow groundwater was encountered at depths of approximately 1.3 feet to 8 feet bgs. Test probe logs are included in Appendix A.

Laboratory Analysis

All soil and groundwater samples collected during this project were submitted to Friedman and Bruya, Inc. of Seattle, Washington for analysis. Samples were analyzed for one or more of the following:

- Volatile Organic Compounds (VOCs) using EPA Test Method 8260B.
- Total petroleum hydrocarbons in the gasoline range using WDOE Test Method NWTPH-Gx.
- BTEX using EPA Test Method 8015.
- Total petroleum hydrocarbons in the diesel to oil boiling ranges using WDOE Test Method NWTPH-Dx.
- Total metals by EPA Test Method 200.8 and EPA Test Method 1631E.
- Semi-Volatiles by EPA Test Method 8270C.

A copy of the laboratory report and sample chain of custody is attached to this letter report (Appendix B).

Subsurface Soil Investigation & Results

Single Family Residence Heating Oil UST

Test probes B1/MW1, B2/MW2, and B3/MW3 were advanced in the vicinity of the existing single family residential heating oil UST to better define the nature and extent of contamination. Soils intercepted by test probes B1/MW1, B2/MW2, and B3/MW3 had non-detectable concentrations of diesel to oil-range TPH concentrations. Following soil sampling, a groundwater monitoring well was installed at these three test probe locations.

Former Gasoline Service Station

Test probes B4, B8, and B9 were advanced in the immediate and general vicinity of the former gasoline service station building to better define the nature and extent of subsurface soil contamination.

Soils intercepted by test probe B4 and B8 had non-detectable concentrations of TPH and/or VOCs. Following soil collection at test probe B4, a groundwater monitoring well was installed (well MW5).

Test probe B9 intercepted a black stained soil at approximate depths of 1 to 2 feet bgs. Soil sample collected at test probe B9 at 2 feet bgs (B9-2) had an oil-range TPH concentration of 55,000 mg/kg and a diesel TPH concentration of 16,000 mg/kg. The MTCA Method A Soil Cleanup Level for oil and diesel TPH is 2,000 mg/kg. In addition, sample B9-2 had elevated concentrations of lead (7,090 mg/kg) and cadmium (18.9 mg/kg) above their respective MTCA Method A Soil Cleanup Levels. The vertical extent of soil contamination intercepted by test probe B9 appears limited between one and two feet bgs.

Groundwater Monitoring Well Installation

As part of the Supplemental Phase II Investigation, RGI installed a total of seven groundwater monitoring wells (designated MW1 through MW7) at the Site (Figure 2). Wells were installed in accordance with Chapter 173-360 WAC, *Minimum Standards for Construction and Maintenance of Wells*. The groundwater monitoring wells were installed to determine the groundwater flow direction(s) beneath the site and to obtain data more representative of groundwater quality.

Wells MW1, MW2, and MW3 were installed inferred upgradient and downgradient of the residential heating oil UST.

Well MW4 was installed at our earlier SP-04 test probe location and meant to confirm groundwater quality at that location. Well MW4 was also meant to evaluate groundwater quality inferred downgradient of the west adjoining Clarklift facility.

Well MW5 was installed inferred upgradient of the former subject site gasoline service station building.

Well MW6 was installed inferred down-gradient of the former gasoline service station.

Well MW7 was installed at our earlier SP-07 test probe location and meant to confirm groundwater quality at that location. Well MW7 was also meant to evaluate

groundwater quality inferred downgradient of the former subject site gasoline service station fuel UST system.

Monitoring Well Construction Details

All wells consisted of 0.75-inch by 1.5-inch diameter pre-packed monitoring wells manufactured by Geoprobe System, Inc. All wells were installed using a direct push hydraulic ram sampling apparatus attached to an AMS PowerProbe/Ford 550 pickup. All wells were completed at the surface with flush mount traffic rated monuments and locked well plug.

The annular space around the screened interval was filled with silica sand pack. The sand extended two feet above the top of the well screen. Hydrated bentonite chips were placed above the sand pack to a depth of approximately one-foot bgs. Ready mix concrete was placed on top of the bentonite seal. Wells were completed with traffic-grade flush mount monuments. Groundwater monitoring well construction details are shown in logs included in Appendix A.

Monitoring Well Surveying & Groundwater Elevations

Using a stadia rod and transit, RGI surveyed the elevation of each well top casing (TOC). An arbitrary reference datum of 10 feet above mean sea level (asl) was selected.

On January 10, 2008, RGI measured depth to water in the seven groundwater-monitoring wells using an electronic water level meter. Water level elevations recorded at each well location are summarized in Table 2 and Figure 2, and are summarized below.

Depth to groundwater ranged from 0.83 feet to 6.80 feet below well TOC. Corresponding groundwater elevations ranged from 22.59 feet to 3.92 feet. Based on water level measurements, the groundwater flow direction beneath the southern portion of the subject Site (in the vicinity of the residence) is to the north-northeast with a gradient of approximately 0.04 feet per foot. In the northern portion of the subject site (former gasoline station area), there appears to be a groundwater mound centered over the former UST location area. If this is the case, radial groundwater flow directions from mound are anticipated. However, it should be noted that groundwater flow direction and gradient may vary spatially or seasonally.

Groundwater Well Development and Sample Collection

RGI developed and sampled the wells on January 10, 2008 (wells MW1 through MW5) and January 11, 2008 (wells MW6 through MW7). Well development and sampling protocols for this project are discussed below.

The monitoring wells were developed using a peristaltic pump. Disposable tubing was raised and lowered through the length of the screened interval to help clear fines from the filter pack and surrounding formation. Each well was developed until water was relatively free of suspended silts and solids. Approximately one to four gallons of purge water (at least three well casing volumes) were removed from each well. Development water was contained in labeled 55-gallon drums and left on-Site pending profiling and off-Site disposal. Groundwater recovery, startup time, and duration of the purging

operations were recorded on field data sheets. These field documents are maintained in a permanent project file.

Following purging activities, each well was left to recharge to at least 80% of its original water level prior to sampling. All wells were sampled using a peristaltic pump with downwell disposable polyvinyl tubing under low flow conditions.

Groundwater samples were collected in laboratory-supplied 40 ml vials with Teflon caps (no headspace), 1,000 ml amber bottles, and 500 ml plastic bottles. Sample containers were placed in a cooler at approximately 4 degrees Celsius and transported to the analytical laboratory for analysis under proper chain-of-custody documentation.

Groundwater Sample Analytical Results

Groundwater sample results for this Supplemental Phase II are summarized in Table 2 and discussed below.

Single Family Residence Heating Oil UST

All groundwater samples collected from wells MW1, MW2, and MW3 had non-detectable concentrations of TPH. Based on these findings, shallow groundwater impacted by an apparent petroleum release from the heating oil UST is limited to the immediate vicinity of the heating oil UST.

Former Gasoline Service Station

Groundwater samples collected from wells MW5 and MW6 had either non-detectable concentrations of the contaminants of concern, or concentrations below the applicable MTCA Method A Groundwater Cleanup Levels.

Groundwater samples collected from well MW7, located at the interpreted former fuel dispenser island, had a result of 5,500 ug/L gasoline TPH, 890 ug/L diesel-range TPH, and 61 ug/L benzene. All of these values exceed their respective MTCA Method A Groundwater Cleanup Levels (diesel 500 ug/L, gasoline 800 ug/L, and benzene 5 ug/L). Concentrations of dissolved arsenic in groundwater were also detected at well MW7 (10.8 ug/L), which exceed the state cleanup level (5 ug/L). However, the arsenic concentrations likely represent naturally occurring or background conditions.

West Adjoining Former Clarklift Facility

Groundwater samples collected from well MW4 had elevated VOC concentrations including, but not necessarily limited to vinyl chloride (12 ug/L), cis 1,2 dichloroethene (70 ug/L), and trichloroethene (150 ug/L). Vinyl chloride and trichloroethene concentrations detected in groundwater exceeded their respective MTCA Method A Groundwater Cleanup Levels of 0.2 ug/L and 5 ug/L, respectively.

CONCLUSIONS AND RECOMMENDATIONS

Based on our Preliminary and Supplemental Phase II subsurface investigation findings, RGI's conclusions and recommendations are given below.

Single Family Residential Heating Oil UST

The nature and extent of soil and shallow groundwater contamination by an apparent petroleum release from the heating oil UST is limited to the immediate UST vicinity.

A practical cleanup approach for the apparent heating oil fuel release includes heating oil UST removal, remedial excavation and off-site transport of petroleum contaminated soils, and periodic dewatering of contaminated groundwater until TPH levels are reduced to acceptable levels. Continued monitoring of groundwater quality would also be necessary to confirm compliance.

Former On-Site Gasoline Service Station

Based on our preliminary and supplemental geophysical survey, no abandoned USTs were identified associated with the former gasoline service station located on the northern portion of the subject site.

Shallow soils intercepted by two test probes (B9 and SP-08) in the vicinity of the former gasoline service station building had elevated concentrations of diesel and oil TPH, cPAHs, and/or selected heavy metals (cadmium, and lead) above their respective MTCA Method A Soil Cleanup Levels. Other test probes (SP-09 and B8) advanced in the vicinity of the former gasoline service station building intercepted shallow soils with either non-detectable concentrations of the contaminants of concern, or concentrations below the applicable cleanup levels. Therefore, the lateral and vertical extent of contaminated soils is considered limited. RGI recommends remedial excavation of these shallow and contaminated soils as the selected remedial method. Under this scenario, contaminated shallow soils would be excavated, temporarily stockpiled on-site, characterized as a solid waste, and transported off-site to the appropriate disposal facility. Confirmation soil sampling of in-situ soils would be performed to document that the remedial excavation effort brought remaining site soils into compliance with the applicable MTCA Method A Soil Cleanup Levels.

Shallow groundwater in the vicinity of the former fuel USTs and/or pump island dispenser (well MW-7) had gasoline TPH, benzene, and diesel TPH above the MTCA Method A Groundwater Cleanup Levels. Based on the close proximity of well MW-7 to the subject property boundary, a groundwater flow direction to the east, and elevated TPH and benzene concentrations, the groundwater contaminant plume may extend off-site. Nonetheless, this groundwater contaminant plume appears to be relatively limited and isolated in extent. The relatively limited and isolated extent of groundwater contamination is based on findings from nearby test probes SP-8 and SP-10 and from monitoring well MW-6.

RGI recommends additional investigation to determine the nature and extent of the groundwater contaminant plume. Additional investigation could include continued groundwater monitoring of well MW-7 and additional subsurface investigations to determine extent.

Groundwater treatment may be initiated by using commercially-available in-situ chemical oxidation (ISCO) compounds. Under this approach, the ISCO treatment compounds would be injected into the local water table at regular intervals across the known area of contamination. The effectiveness of the treatment would then be monitored using the existing well and possibly additional monitoring wells.

Adjoining Clarklift Facility

Test probe SP-04 and groundwater monitoring well MW-4 located along the subject Site western boundary intercepted soil and/or shallow groundwater with elevated concentrations of diesel TPH, oil TPH, and/or various VOCs (including vinyl chloride, trichloroethene, and 1,2 Dichloroethane). The detected VOCs are commonly associated with cleaning solvents and their naturally occurring degradation products.

Based on the groundwater flow directions observed from the four wells installed on the northern portion of the site, the origin of the contaminants encountered at SP-04/MW-4 is unknown at this time. Additional well installation would be necessary to further evaluate groundwater flow directions beneath the northern portion of the site.

Assuming that the groundwater flow directions reported in this report are found to be consistent, the contaminants of concern identified at well MW-4 could have originated from the on-site former gasoline service station (associated with former automotive parts cleaners and waste oils).

The preferred technology to remediate detected groundwater TPH and/or VOC concentrations in the vicinity of well MW-4 is in-situ chemical oxidation.

PROJECT LIMITATIONS

Work for this project was performed, and this report prepared, in accordance with generally accepted professional practices for the nature and conditions of work completed in same or similar locations at the present time. RGI's results and findings from the select area do not necessarily reflect soil or groundwater conditions underlying other areas of the Site not investigated. RGI reserves the right to modify its conclusions and/or recommendations as new data and information is made available. No legal or other warranty, expressed or implied, is made.

Any questions regarding our work or this report, the presentation of information, or interpretation of data are welcome and should be referred to the undersigned.

Sincerely yours,

THE RILEY GROUP, INC.

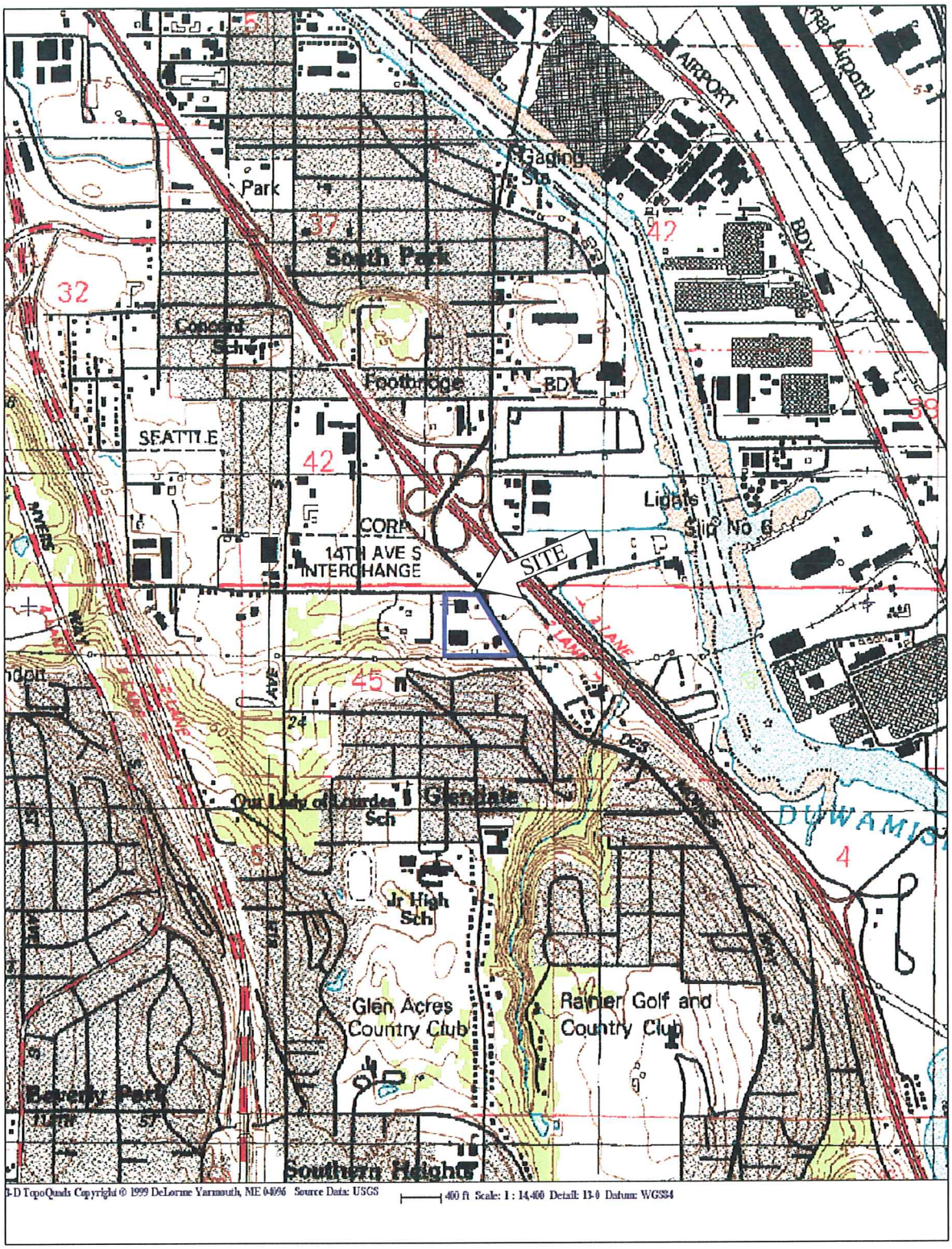
Jason Cass

Jason Cass, L.G.
Senior Geologist

Paul D. Riley, LG, LHG
Principal

Attachments: *Figures 1 and 2*
Tables 1&2
Appendices A and B

Report Distribution *SeaMar Community Health Center, Mike Leong – Prospective Purchaser (three copies, 1 electronic pdf)*



0 300' 600' 1,200'

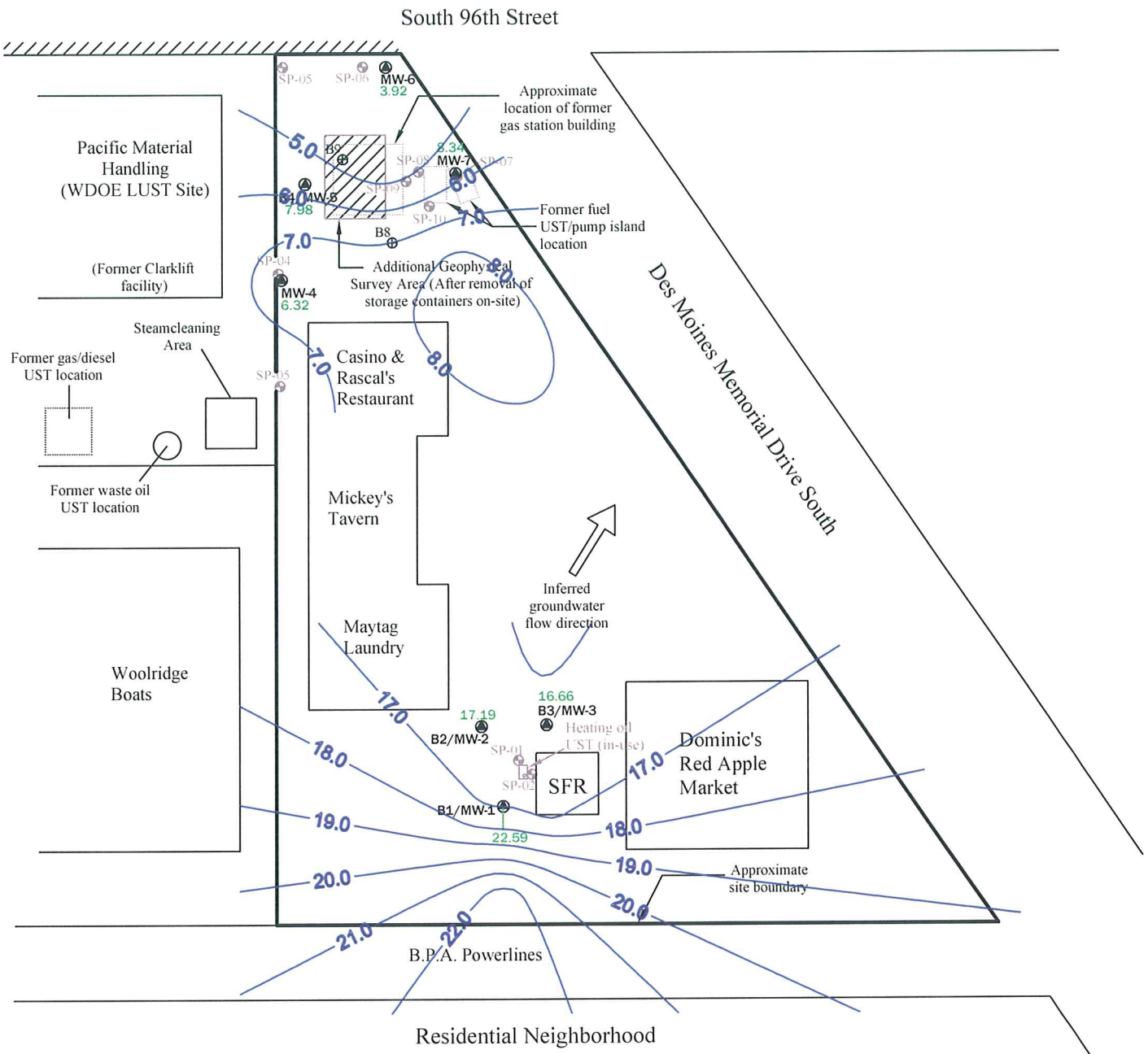
Approximate Scale In Feet

USGS, 1983 Seattle South, Washington
7.5-Minute Quadrangle

N

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

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



⊕ Test probe location by RGI on 01/02/08 and 01/03/08.

Groundwater well installed by RGI on 01/2/08.

Test probe location by RGI on 10/26/07.

3.92 Groundwater elevation in feet based on arbitrary reference elevation.

Groundwater elevation contour calculated by Surfer Software using Kriging method.

N

Approximate Scale:1"=100'

0 50 100 200

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

Dominic's Plaza		*Figure 2*
Project Number 2007-234C	*Site Plan*	*Date Drawn: 01/30/08*
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 #2007-234C

Sample Number	Sample Depth (ft. bgs)	PID Result (ppmv)	Metals	Total cPAHs	VOCs	Gas TPH	B	T	E	X	Diesel TPH	Oil TPH
Supplemental Phase II Investigation (January 2008)												
B1-8	8	----	----	----	----	----	----	----	----	----	ND<50	ND>250
B2-4	4	----	----	----	----	----	----	----	----	----	ND<50	ND < 250
B3-4	4	----	----	----	----	----	----	----	----	----	ND<50	ND < 250
B4-4	4	----	----	----	ND	----	----	----	----	----	----	----
B8-4	4	----	----	----	----	ND < 2	ND < 0.02	ND < 0.02	ND < 0.02	ND < 0.06	ND<50	ND < 250
B8-8	8	----	----	----	Acetone, 2.4	----	----	----	----	----	----	----
B9-2	2	----	As, 17.6 **Cd, 18.9** Cr, 28.9 Pb, **7,090** Hg, 0.49	**1.89***	----	----	----	----	----	----	**16,000**	**55,000**
B9-4	4	----	----	----	----	----	----	----	----	----	----	----
B9-8	8	----	----	----	ND	3	ND < 0.02	0.04	ND < 0.02	0.08	73	360
B9-12	12	----	----	----	----	----	----	----	----	----	----	----
Preliminary Phase II Investigation (October 2007)												
SP-01-08	8	100	----	----	----	----	----	----	----	----	**4,900**	ND < 250
SP-02-5.5	5.5	137	----	----	----	----	----	----	----	----	**10,000**	ND < 250
SP-03-08	8	0	----	----	----	ND < 20	----	----	----	----	ND < 50	ND < 250
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-07-04	4	16	----	----	----	43	ND < 0.02	0.06	0.39	0.34	----	----
SP-08-06	6	0	----	----	----	----	----	----	----	----	520	**4,200**
MTCA Method A or B^ Soil Cleanup Levels			**As, 20** **Cd, 2** **Cr, 2,000** **Pb, 250** **Hg, 2**	**0.10**	**Varies by contaminant**	**100/30[1]**	**0.03**	**7**	**6**	**9**	**2,000**	**2,000**

All soil samples collected by RGI.

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.

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

Metals = Total metals determined using EPA Test Method 200.1 SIM. As = arsenic, Cd = cadmium, = Cr = total chromium, Pb = Lead, Hg = mercury.

* = total cPAH concentration is shown in Table. The laboratory reported total cPAH concentration as an estimate.

cPAHs = carcinogenic polynuclear aromatic hydrocarbons determined using EPA Test Method 8270C SIM.

VOC = Volatile Organic Compounds determined using EPA Test Method 8260B.

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

Sample Number	Top of Casing Elevation	Depth to Water	Water Table Elevation	Gas TPH	BTEX				Diesel TPH	Oil TPH	SVOCs	Metals (dissolved)	VOCs
					B	T	E	X					
Supplemental Phase II Investigation (January 2008)													
MW-1	28.3	5.70	22.59	----	----	----	----	----	ND < 50	ND < 250	----	----	----
MW-2	19.3	2.10	17.19	----	----	----	----	----	ND < 50	ND < 250	----	----	----
MW-3	20.3	3.66	16.66	----	----	----	----	----	ND < 50	ND <250	----	----	----
MW-4	13.13	6.8	6.32	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	ND < 50	ND <250	ND < 0.1	As, 2.88 Cd, ND Cr, 2.44 Pb, 8.98 Hg, ND	**VC, 12** cis 1,2 DCE, 70 **TCE, 150** EDC, 1.1
MW-5	10.00	2.02	7.98	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	ND < 50	ND < 250	----	----	----
MW-6	6.78	2.84	3.94	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	420	ND < 460	----	----	Acetone, 22
MW-7	9.17	0.83	8.34	**5,500**	**61**	29	46	45	**890**	ND < 250	----	Cr, 2.12 **As, 10.8** Cd, ND Pb, 2.83 Hg, ND	----
B8-H2O	----	7.00	----	ND < 100	ND < 1	ND < 1	ND < 1	ND < 3	ND<54	ND < 270	ND<0.1	Cr, 1.23 **As, 6.08** Cd, ND Pb, ND Hg, ND	ND < 1
Preliminary Phase II Investigation (October 2007)													
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**	**varies**	**As, 5 Cr, 50 Cd, 5 Pb, 15 Hg, 2**	**VC, 0.2 cis-1,2-DCE, 80^ TCE, 5 EDC, 5**

Groundwater samples collected by RGI field staff using a peristaltic pump under low flow conditions.

Top of casing elevations given in feet based on an arbitrary reference datum.

Depth to Water = depth to water measured from top of casing. Water level measurements recorded on by RGI field staff on January 10, 2008 using a electric water level meter.

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.

VOCs= Volatile Organic Compounds determined using EPA Test Method 8260. Only detected chemicals and their result are shown in table, all other VOCs were not detected at the analytical detection limit. VC = vinyl chloride, cis-1,2-DCE = cis-1,2-Dichloroethene, TCE = Trichloroethene, EDC = 1,2 Dichloroethane.

Metals = Dissolved metals determined using EPA Test Method 200.1 SIM. As = arsenic, Cd = cadmium, = Cr = total chromium, Pb = Lead, Hg = mercury. Groundwater samples filtered by analytical laboratory.

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.

Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B1/MW-1
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Gravel

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1	Brown, silty, gravelly sand	
						2		
						3		
0.0	B1-4					4	Gray-brown sandy, gravelly silt	
						5		
					▼	6		
						7		
0.0	B1-8					8	Grey, silty fine sand	
						9		
0.0	B1-10					10	Boring terminated @ 10' bgs	
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

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 Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B2/MW-2
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1	Gray, sandy silt	
						2		
						3		
0.0	B2-4					4		
						5		
					▼	6		
						7		
0.0	B2-8					8	Boring terminated @ 8' bgs	
						9		
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B3/MW-3
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1	Light brown silty, gravelly sand	
						2		
						3	Grey-brown silty fine sand	
0.0	B3-4					4		
						5		
					▼	6		
						7		
0.0	B3-8					8	Brown silty gravelly sand	
						9		
						10		
						11		
0.0	B3-12					12		
							Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		
							Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B4/MW-4
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Depth	Soil Description	Boring Completion
		1		
		2	Moist, gray-brown silty sand	
		3		
0.0	B4-4	4		
		5		
		6	No Recovery	
		7		
0.0	B4-8	8		
		9		
		10	No Recovery	
		11		
0.0	B4-12	12		
			Boring terminated @ 12' bgs	
		13		
		14		
		15		
		16		
		17		
		18		
		19		
		20		
			Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: MW-5
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: N/A
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1		
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						10	**No samples collected. Well point driven by probe only.**	
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: MW-6
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: N/A
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1		
						2		
						3		
						4		
						5		
					▼	6		
						7		
						8		
						9		
						10	**No samples collected. Well point driven by probe only.**	
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: MW-7
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method: N/A
Ground Surface Elevation:		Hole Completion: Well		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1		
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						10	**No samples collected. Well point driven by probe only.**	
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B8
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Bentonite		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1		
						2		
						3		
0.0	B8-4					4	Greenish-grey silty, gravelly medium sand	
						5		
					▼	6		
						7		
0.0	B8-8					8	Dark brown sandy silt with fine organic material	
							Boring terminated @ 8' bgs	
						9		
						10		
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		
							Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

The Riley Group, Inc.
17522 Bothell Way NE, Suite A
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Boring/Monitoring Well Log

Project Name: Dominic's Plaza Phase III				Sheet
Job No.: 2007-234C	Logged By: S. Howell	Start Date: 1/2/2008	Completion Date: 1/2/2008	Boring No.: B9
Drilling Contractor: ESN		Drilling Method: Direct Push Probe		Sampling Method:
Ground Surface Elevation:		Hole Completion: Bentonite		Surface Conditions: Asphalt

PID Reading (ppm)	Sample ID	Sample Interval	Drive Interval	WELL	GW Depth	Depth	Soil Description	Boring Completion
						1	Brownish-grey silty sand	
0.0	B9-2					2	Black, silty fibrous material, petroleum odor	
						3		
0.0	B9-4					4		
						5	Brownish-grey silty sand	
						6		
						7		
0.0	B9-8				▼	8		
						9		
						10	Light brown fine sandy silt	
						11		
0.0	B9-12					12	Boring terminated @ 12' bgs	
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20	Boring terminated @ 20' bgs	

Notes: (bgs - below ground surface)

▼ - Groundwater encountered during drilling.

The Riley Group, Inc.
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Phone: 425.415.0551 Fax: 425.415.0311

FRIEDMAN & BRUYA, INC.

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January 24, 2008

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 January 14, 2008 from the Dominic's 2007-234c, F&BI 801121 project. There are 13 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
TRG0124R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 14, 2008 by Friedman & Bruya, Inc. from the The Riley Group, Inc. Dominic's 2007-234c, F&BI 801121 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group, Inc.
801121-01	MW1
801121-02	MW2
801121-03	MW3
801121-04	MW4
801121-05	MW5
801121-06	MW6
801121-07	MW7

Insufficient sample was received to perform Diesel Extended and PAH analysis on sample MW6. Insufficient sample was received to PAH analysis on sample MW5.

The 8260B analyte trichloroethene exceeded the calibration range of the instrument for sample MW4. Insufficient sample was received for dilution and reanalysis.

All other quality control requirements were acceptable.

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121
Date Extracted: 01/14/08
Date Analyzed: 01/14/08

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

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 51-134)
MW4 801121-04	<100	97
MW6 801121-06	<100	100
Method Blank	<100	100

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121
Date Extracted: 01/14/08
Date Analyzed: 01/14/08

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)
MW5 801121-05	<1	<1	<1	<3	<100	98
Method Blank	<1	<1	<1	<3	<100	101

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121
Date Extracted: 01/15/08
Date Analyzed: 01/16/08

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 52-134)
MW1 801121-01	<50	<250	93
MW2 801121-02	<50	<250	99
MW3 801121-03	<50	<250	96
MW4 801121-04	<50	<250	88
MW5 801121-05	<50	<250	89
MW7 801121-07	890 x	<250	106
Method Blank	<50	<250	85

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW4	Client:	The Riley Group, Inc.
Date Received:	01/14/08	Project:	Dominic's 2007-234c, F&BI 801121
Date Extracted:	01/14/08	Lab ID:	801121-04
Date Analyzed:	01/14/08	Data File:	011418.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	93	55	118
1,2-Dichloroethane-d4	92	53	121
Toluene-d8	93	55	121
4-Bromofluorobenzene	83	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<1	Tetrachloroethene	<1
Vinyl chloride	12	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	70	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	1.1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	150 ve	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW6	Client:	The Riley Group, Inc.
Date Received:	01/14/08	Project:	Dominic's 2007-234c, F&BI 801121
Date Extracted:	01/14/08	Lab ID:	801121-06
Date Analyzed:	01/14/08	Data File:	011419.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	93	55	118
1,2-Dichloroethane-d4	91	53	121
Toluene-d8	92	55	121
4-Bromofluorobenzene	82	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<1	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	<1
Acetone	22	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	<2
Methylene chloride	<5	o-Xylene	<1
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	Dominic's 2007-234c, F&BI 801121
Date Extracted:	01/14/08	Lab ID:	080031 mb
Date Analyzed:	01/14/08	Data File:	011406.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	88	55	118
1,2-Dichloroethane-d4	90	53	121
Toluene-d8	91	55	121
4-Bromofluorobenzene	87	29	181

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

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121

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

Laboratory Code: 801115-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	88	69-134

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121

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: 801115-01 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	92	65-118
Toluene	ug/L (ppb)	50	95	72-122
Ethylbenzene	ug/L (ppb)	50	93	73-126
Xylenes	ug/L (ppb)	150	95	74-118
Gasoline	ug/L (ppb)	1,000	88	69-134

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121

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	83	86	73-142	4

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121

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

Laboratory Code: 801109-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	<1	<1	nm
Chloromethane	ug/L (ppb)	<1	<1	nm
Vinyl chloride	ug/L (ppb)	3.0	3.1	3
Bromomethane	ug/L (ppb)	<1	<1	nm
Chloroethane	ug/L (ppb)	<1	<1	nm
Trichlorofluoromethane	ug/L (ppb)	<1	<1	nm
Acetone	ug/L (ppb)	<10	<10	nm
1,1-Dichloroethene	ug/L (ppb)	<1	<1	nm
Methylene chloride	ug/L (ppb)	<5	<5	nm
Methyl t-butyl ether (MTBE)	ug/L (ppb)	<1	<1	nm
trans-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
1,1-Dichloroethane	ug/L (ppb)	<1	<1	nm
2,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
cis-1,2-Dichloroethene	ug/L (ppb)	33	34	3
Chloroform	ug/L (ppb)	<1	<1	nm
2-Butanone (MEK)	ug/L (ppb)	<10	<10	nm
1,2-Dichloroethane (EDC)	ug/L (ppb)	<1	<1	nm
1,1,1-Trichloroethane	ug/L (ppb)	<1	<1	nm
1,1-Dichloropropene	ug/L (ppb)	<1	<1	nm
Carbon Tetrachloride	ug/L (ppb)	<1	<1	nm
Benzene	ug/L (ppb)	<1	<1	nm
Trichloroethene	ug/L (ppb)	29	29	0
1,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
Bromodichloromethane	ug/L (ppb)	<1	<1	nm
Dibromomethane	ug/L (ppb)	<1	<1	nm
4-Methyl-2-pentanone	ug/L (ppb)	<10	<10	nm
cis-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	ug/L (ppb)	<1	<1	nm
2-Hexanone	ug/L (ppb)	<10	<10	nm
1,3-Dichloropropane	ug/L (ppb)	<1	<1	nm
Tetrachloroethene	ug/L (ppb)	770	740	4
Dibromochloromethane	ug/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	ug/L (ppb)	<1	<1	nm
Chlorobenzene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
m,p-Xylene	ug/L (ppb)	<2	<2	nm
o-Xylene	ug/L (ppb)	<1	<1	nm
Styrene	ug/L (ppb)	<1	<1	nm
Isopropylbenzene	ug/L (ppb)	<1	<1	nm
Bromoform	ug/L (ppb)	<1	<1	nm
n-Propylbenzene	ug/L (ppb)	<1	<1	nm
Bromobenzene	ug/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	ug/L (ppb)	<1	<1	nm
2-Chlorotoluene	ug/L (ppb)	<1	<1	nm
4-Chlorotoluene	ug/L (ppb)	<1	<1	nm
tert-Butylbenzene	ug/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
sec-Butylbenzene	ug/L (ppb)	<1	<1	nm
p-Isopropyltoluene	ug/L (ppb)	<1	<1	nm
1,3-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,4-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	ug/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	ug/L (ppb)	<1	<1	nm
Hexachlorobutadiene	ug/L (ppb)	<1	<1	nm
Naphthalene	ug/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	ug/L (ppb)	<1	<1	nm

Date of Report: 01/24/08
Date Received: 01/14/08
Project: Dominic's 2007-234c, F&BI 801121

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	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	111	105	50-136	6
Chloromethane	ug/L (ppb)	50	126	130	55-134	3
Vinyl chloride	ug/L (ppb)	50	140	137	56-144	2
Bromomethane	ug/L (ppb)	50	146 vo	141 vo	58-140	3
Chloroethane	ug/L (ppb)	50	135	134	55-144	1
Trichlorofluoromethane	ug/L (ppb)	50	133	133	54-142	0
Acetone	ug/L (ppb)	50	92	85	52-162	8
1,1-Dichloroethene	ug/L (ppb)	50	104	105	34-135	1
Methylene chloride	ug/L (ppb)	50	97	95	65-112	2
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	101	102	71-119	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	107	107	66-120	0
1,1-Dichloroethane	ug/L (ppb)	50	108	107	65-119	1
2,2-Dichloropropane	ug/L (ppb)	50	112	107	42-143	5
cis-1,2-Dichloroethene	ug/L (ppb)	50	106	106	75-121	0
Chloroform	ug/L (ppb)	50	111	110	63-117	1
2-Butanone (MEK)	ug/L (ppb)	50	90	91	77-125	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	110	110	67-116	0
1,1,1-Trichloroethane	ug/L (ppb)	50	118	118	63-124	0
1,1-Dichloropropene	ug/L (ppb)	50	106	108	62-122	2
Carbon Tetrachloride	ug/L (ppb)	50	116	117	63-126	1
Benzene	ug/L (ppb)	50	102	104	55-134	2
Trichloroethene	ug/L (ppb)	50	104	106	75-116	2
1,2-Dichloropropane	ug/L (ppb)	50	104	106	75-118	2
Bromodichloromethane	ug/L (ppb)	50	113	113	69-129	0
Dibromomethane	ug/L (ppb)	50	109	108	68-117	1
4-Methyl-2-pentanone	ug/L (ppb)	50	98	94	68-124	4
cis-1,3-Dichloropropene	ug/L (ppb)	50	109	110	64-123	1
Toluene	ug/L (ppb)	50	88	92	56-140	4
trans-1,3-Dichloropropene	ug/L (ppb)	50	100	100	71-124	0
1,1,2-Trichloroethane	ug/L (ppb)	50	89	91	66-123	2
2-Hexanone	ug/L (ppb)	50	87	83	66-128	5
1,3-Dichloropropane	ug/L (ppb)	50	91	92	71-125	1
Tetrachloroethene	ug/L (ppb)	50	91	93	78-116	2
Dibromochloromethane	ug/L (ppb)	50	102	102	75-122	0
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	92	92	72-124	0
Chlorobenzene	ug/L (ppb)	50	92	94	72-116	2
Ethylbenzene	ug/L (ppb)	50	93	96	76-123	3
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	99	101	69-121	2
m,p-Xylene	ug/L (ppb)	100	93	94	49-166	1
o-Xylene	ug/L (ppb)	50	93	94	68-121	1
Styrene	ug/L (ppb)	50	94	95	72-119	1
Isopropylbenzene	ug/L (ppb)	50	94	96	66-121	2
Bromoform	ug/L (ppb)	50	104	101	70-127	3
n-Propylbenzene	ug/L (ppb)	50	86	93	67-118	8
Bromobenzene	ug/L (ppb)	50	87	93	71-124	7
1,3,5-Trimethylbenzene	ug/L (ppb)	50	88	93	69-116	6
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	82	82	57-128	0
1,2,3-Trichloropropane	ug/L (ppb)	50	80	82	58-126	2
2-Chlorotoluene	ug/L (ppb)	50	88	93	66-116	6
4-Chlorotoluene	ug/L (ppb)	50	87	92	67-117	6
tert-Butylbenzene	ug/L (ppb)	50	89	92	65-121	3
1,2,4-Trimethylbenzene	ug/L (ppb)	50	91	93	69-123	2
sec-Butylbenzene	ug/L (ppb)	50	89	91	70-118	2
p-Isopropyltoluene	ug/L (ppb)	50	91	92	72-120	1
1,3-Dichlorobenzene	ug/L (ppb)	50	90	91	76-114	1
1,4-Dichlorobenzene	ug/L (ppb)	50	87	89	72-113	2
1,2-Dichlorobenzene	ug/L (ppb)	50	91	90	76-115	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	91	81	54-131	12
1,2,4-Trichlorobenzene	ug/L (ppb)	50	95	87	72-123	9
Hexachlorobutadiene	ug/L (ppb)	50	94	88	80-111	7
Naphthalene	ug/L (ppb)	50	85	76	61-137	11
1,2,3-Trichlorobenzene	ug/L (ppb)	50	87	78	74-126	11

Note: The calibration verification result for methylene chloride and 1,1-dichloroethene exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the calibration is considered valid.

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 probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

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

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

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

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

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

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

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

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

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

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

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

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

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

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

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

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

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

801121 — ME. 01-14-08 — V2/ A05

SAMPLE CHAIN OF CUSTODY

Send Report To: Jason Cass
Company: The Riley Group, Inc.
Address: 17522 Bothell Way NE
City, State, ZIP: Bothell, WA
Phone #: Fax #:

SAMPLERS (signature): Tamara Adams
PROJECT NAME/NO.: Dominic's 2007-234C
PO #:
REMARKS:

Page # ____ of ____
TURNAROUND TIME
☒ Standard (2 Weeks) ASAP
☐ RUSH
Rush charges authorized by:

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

						ANALYSES REQUESTED											
Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	PAH's					Notes
MW1	01 A-C	1/11/08	2:15	H2O	3	X											X - per JC 1/14/08
MW2	02 A-C		1:15		3	X											
MW3	03 A-C		12:45		3	X											
MW4	04 A-C		12:00		3	X	X		X								* - canceled
MW5	05 A-C		3:15		3	X	X	X				* (a)					due to limited sample
MW6	06 A-B		11:30		2	*	X		X			*					volume
MW7	07	↓	11:00	↓	3 1 NB 01/14/08	X											

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:	[signature]	Paul Riley	RGI	1/14/08	11:00
Received by:	[signature]	Joel Zurich	Champion	"	"
Relinquished by:					
Received by:	[signature]	Nhan Phan	FeBI	1/14/08	12:20

FORMS\COC\COC.DOC

Samples received at 2 °C

DRAFT

Date of Report: 01/23/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161
Date Extracted: 01/17/08
Date Analyzed: 01/17/08

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)
MW-7 d 801161-03 1/5	61	29	46	45	5,500	120
Method Blank	<1	<1	<1	<3	<100	97

Date of Report: 01/23/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161
Date Extracted: 01/22/08
Date Analyzed: 01/22/08

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

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
MW-6 dv 801161-02	420	<460	114
Method Blank	<50	<250	90

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	MW-4	Client:	The Riley Group, Inc.
Date Received:	01/16/08	Project:	2007-234C, F&BI 801161
Date Extracted:	01/17/08	Lab ID:	801161-01
Date Analyzed:	01/18/08	Data File:	011820.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	108	50	150
Benzo(a)anthracene-d12	84	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234C, F&BI 801161
Date Extracted:	01/17/08	Lab ID:	080076mb2
Date Analyzed:	01/18/08	Data File:	011818.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	114	50	150
Benzo(a)anthracene-d12	89	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

SAMPLE CHAIN OF CUSTODY

Send Report To: Jason Cass
Company: Riley Group, Inc.
Address: 17522 Bothell way NE.
City, State, ZIP: Bothell, WA 98011
Phone #: (425)415-0551 Fax #: (425)415-0311

SAMPLERS (signature): Jason Cass
PROJECT NAME/NO.: 2007-234C Dominics Plaza
PO #:
REMARKS:

Page # 1 of 1

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	SVOCs by 8270	HFS	MTCA 5 metals					Notes
MW-4		1/16	14:00	H2O	4					✓		✓					* Please filter
MW-6		1/16	16:00	"	2												
MW-7		1/16	15:30	"	4		✓	✓				✓					* Please filter

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

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Jason Cass	Jason Cass	RGI	1/16	17:00
Received by:	DD	DD VD	FBI	"	4
Relinquished by:					
Received by:					

Samples received at: ____ °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

January 22, 2008

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 January 4, 2008 from the 2007-234c, F&BI 801049 project. There are 37 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
TRG0122R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on January 4, 2008 by Friedman & Bruya, Inc. from the The Riley Group, Inc. 2007-234c, F&BI 801049 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group, Inc.
801049-01	B1-4
801049-02	B1-8
801049-03	B1-10
801049-04	B2-4
801049-05	B2-8
801049-06	B3-4
801049-07	B3-8
801049-08	B3-10
801049-09	B4-4
801049-10	B8-4
801049-11	B8-8
801049-12	B8-H2O
801049-13	B8-H2O-f
801049-14	B9-2
801049-15	B9-4
801049-16	B9-8
801049-17	B9-12

The internal standards for the 8270C SIM sample B9-2 were outside of the control limits due to matrix interference. All other quality control requirements were acceptable.

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/08/08
Date Analyzed: 01/08/08

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

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 51-134)
B8-H2O 801049-12	<100	78
Method Blank	<100	94

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/07/08
Date Analyzed: 01/08/08

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

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

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
B8-4 801049-10	<0.02	<0.02	<0.02	<0.06	<2	107
B9-8 801049-16	<0.02	0.04	<0.02	0.08	3	79
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	88

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/08/08
Date Analyzed: 01/08/08 and 01/09/08

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 67-127)
B1-8 801049-02	<50	<250	87
B2-4 801049-04	<50	<250	88
B3-4 801049-06	<50	<250	87
B8-4 801049-10	<50	<250	92
B9-2 d 801049-14 x10	16,000 x	55,000	84
B9-8 801049-16	73 x	360	87
Method Blank	<50	<250	93

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/07/08
Date Analyzed: 01/11/08

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)
B8-H2O dv 801049-12	<54	<270	92
Method Blank	<50	<250	91

Analysis For Total Metals By EPA Method 200.8

Client ID:	B9-2	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/09/08	Lab ID:	801049-14
Date Analyzed:	01/09/08	Data File:	801049-14.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	95	60	125
Indium	91	60	125
Bismuth	123	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	28.9
Arsenic	17.6
Cadmium	18.9
Lead	7,090

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	NA	Project:	2007-234c, F&BI 801049
Date Extracted:	01/09/08	Lab ID:	I8-007 mb
Date Analyzed:	01/09/08	Data File:	I8-007 mb.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	84	60	125
Indium	92	60	125
Bismuth	113	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	B8-H2O-f	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	801049-13
Date Analyzed:	01/07/08	Data File:	801049-13.034
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	111	60	125
Indium	90	60	125
Bismuth	105	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	1.23
Arsenic	6.08
Cadmium	<1
Lead	<1

Analysis For Dissolved Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	NA	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	I7-493 mb
Date Analyzed:	01/07/08	Data File:	I7-493 mb.008
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	104	60	125
Indium	102	60	125
Bismuth	102	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/09/08
Date Analyzed: 01/10/08

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

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

Sample ID Laboratory ID	Total Mercury
B9-2 801049-14	0.49
Method Blank	<0.2

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049
Date Extracted: 01/07/08
Date Analyzed: 01/08/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR DISSOLVED MERCURY USING EPA METHOD 1631E

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Total Mercury
B8-H2O-f 801049-13	<0.2
Method Blank	<0.2

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B8-H2O	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/08/08	Lab ID:	801049-12
Date Analyzed:	01/09/08	Data File:	010909.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	90	55	118
1,2-Dichloroethane-d4	88	53	121
Toluene-d8	88	55	121
4-Bromofluorobenzene	81	29	181

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

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

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234c, F&BI 801049
Date Extracted:	01/09/08	Lab ID:	080028 mb
Date Analyzed:	01/09/08	Data File:	010908.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	91	55	118
1,2-Dichloroethane-d4	87	53	121
Toluene-d8	89	55	121
4-Bromofluorobenzene	81	29	181

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

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

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B4-4	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	801049-09
Date Analyzed:	01/07/08	Data File:	010716.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	51	32	147
1,2-Dichloroethane-d4	54	35	150
Toluene-d8	50	35	149
4-Bromofluorobenzene	54	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.05	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B8-8	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	801049-11
Date Analyzed:	01/07/08	Data File:	010717.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	54	32	147
1,2-Dichloroethane-d4	63	35	150
Toluene-d8	43	35	149
4-Bromofluorobenzene	35	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.05	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	2.4	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B9-8	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	801049-16
Date Analyzed:	01/07/08	Data File:	010718.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	65	32	147
1,2-Dichloroethane-d4	69	35	150
Toluene-d8	61	35	149
4-Bromofluorobenzene	63	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.05	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234c, F&BI 801049
Date Extracted:	01/07/08	Lab ID:	080025 mb
Date Analyzed:	01/07/08	Data File:	010706.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	95	32	147
1,2-Dichloroethane-d4	102	35	150
Toluene-d8	100	35	149
4-Bromofluorobenzene	104	15	196

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.05	Tetrachloroethene	<0.025
Vinyl chloride	<0.05	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.05
Chloroethane	<0.5	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.05
Acetone	<0.5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.05	m,p-Xylene	<0.1
Methylene chloride	<0.5	o-Xylene	<0.05
Methyl t-butyl ether (MTBE)	<0.05	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.1
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.1
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B9-2	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/08/08	Lab ID:	801049-14 1/100
Date Analyzed:	01/12/08	Data File:	011131.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	0 ds	50	150
Benzo(a)anthracene-d12	0 ds	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.23 J
Chrysene	0.59 J
Benzo(a)pyrene	0.31 J
Benzo(b)fluoranthene	0.47 J
Benzo(k)fluoranthene	<0.2 J
Indeno(1,2,3-cd)pyrene	0.29 J
Dibenz(a,h)anthracene	<0.2 J

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B9-2	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/08/08	Lab ID:	801049-14 1/500
Date Analyzed:	01/11/08	Data File:	011109.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	0 ds	50	150
Benzo(a)anthracene-d12	0 ds	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<1
Chrysene	<1
Benzo(a)pyrene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Indeno(1,2,3-cd)pyrene	<1
Dibenz(a,h)anthracene	<1

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234c, F&BI 801049
Date Extracted:	01/08/08	Lab ID:	08034mb 1/5
Date Analyzed:	01/11/08	Data File:	011107.D
Matrix:	Soil	Instrument:	GCMS6
Units:	mg/kg (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	119	50	150
Benzo(a)anthracene-d12	89	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B8-H2O	Client:	The Riley Group, Inc.
Date Received:	01/04/08	Project:	2007-234c, F&BI 801049
Date Extracted:	01/10/08	Lab ID:	801049-12 rr
Date Analyzed:	01/11/08	Data File:	011108.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	107	50	150
Benzo(a)anthracene-d12	71	50	150

Compounds:	Concentration ug/L (ppb)
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234c, F&BI 801049
Date Extracted:	01/10/08	Lab ID:	08047mb
Date Analyzed:	01/10/08	Data File:	011006.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	100	50	150
Benzo(a)anthracene-d12	87	50	150

Compounds:	Concentration ug/L (ppb)
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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

Laboratory Code: 801049-12 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	86	69-134

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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: 801054-01 (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	126	70-130
Toluene	mg/kg (ppm)	0.5	120	70-130
Ethylbenzene	mg/kg (ppm)	0.5	120	70-130
Xylenes	mg/kg (ppm)	1.5	118	70-130
Gasoline	mg/kg (ppm)	20	92	70-130

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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

Laboratory Code: 801058-05 (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	107	106	69-125	1

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	70-127

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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	90	89	67-141	1

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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

Laboratory Code: 801049-14 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/kg (ppm)	28.9	46.5	47 hr	0-20
Arsenic	mg/kg (ppm)	17.6	16.6	6	0-20
Cadmium	mg/kg (ppm)	18.9	16.3	15	0-20
Lead	mg/kg (ppm)	7,090	6,180	15	0-20

Laboratory Code: 801049-14 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	28.9	87 b	50-150
Arsenic	mg/kg (ppm)	10	17.6	59 b	50-150
Cadmium	mg/kg (ppm)	10	18.9	81 b	50-150
Lead	mg/kg (ppm)	50	7,090	0 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	108	70-130
Arsenic	mg/kg (ppm)	10	96	70-130
Cadmium	mg/kg (ppm)	10	102	70-130
Lead	mg/kg (ppm)	50	103	70-130

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED METALS USING EPA METHOD 200.8

Laboratory Code: 801049-13 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	1.23	1.11	10	0-20
Arsenic	ug/L (ppb)	6.08	5.05	19	0-20
Cadmium	ug/L (ppb)	<1	<1	nm	0-20
Lead	ug/L (ppb)	<1	<1	nm	0-20

Laboratory Code: 801049-13 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	1.23	84	50-150
Arsenic	ug/L (ppb)	10	6.08	88 b	50-150
Cadmium	ug/L (ppb)	5	<1	98	50-150
Lead	ug/L (ppb)	10	<1	103	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	102	70-130
Arsenic	ug/L (ppb)	10	92	70-130
Cadmium	ug/L (ppb)	5	108	70-130
Lead	ug/L (ppb)	10	103	70-130

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 801049-14 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Mercury	mg/kg (ppm)	0.125	0.49	139 b	110 b	50-150	23 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	106	70-130

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED MERCURY USING EPA METHOD 1631E

Laboratory Code: 801049-13 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MS	Acceptance Criteria	RPD (Limit 20)
Mercury	ug/L (ppb)	0.5	<0.2	93	97	50-150	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	ug/L (ppb)	0.5	96	70-130

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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

Laboratory Code: 801064-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	<1	<1	nm
Chloromethane	ug/L (ppb)	<1	<1	nm
Vinyl chloride	ug/L (ppb)	<0.2	<0.2	nm
Bromomethane	ug/L (ppb)	<1	<1	nm
Chloroethane	ug/L (ppb)	<1	<1	nm
Trichlorofluoromethane	ug/L (ppb)	<1	<1	nm
Acetone	ug/L (ppb)	<10	<10	nm
1,1-Dichloroethene	ug/L (ppb)	<1	<1	nm
Methylene chloride	ug/L (ppb)	<5	<5	nm
Methyl t-butyl ether (MTBE)	ug/L (ppb)	<1	<1	nm
trans-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
1,1-Dichloroethane	ug/L (ppb)	<1	<1	nm
2,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
cis-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
Chloroform	ug/L (ppb)	<1	<1	nm
2-Butanone (MEK)	ug/L (ppb)	<10	<10	nm
1,2-Dichloroethane (EDC)	ug/L (ppb)	<1	<1	nm
1,1,1-Trichloroethane	ug/L (ppb)	<1	<1	nm
1,1-Dichloropropene	ug/L (ppb)	<1	<1	nm
Carbon Tetrachloride	ug/L (ppb)	<1	<1	nm
Benzene	ug/L (ppb)	<1	<1	nm
Trichloroethene	ug/L (ppb)	1.7	1.6	6
1,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
Bromodichloromethane	ug/L (ppb)	<1	<1	nm
Dibromomethane	ug/L (ppb)	<1	<1	nm
4-Methyl-2-pentanone	ug/L (ppb)	<10	<10	nm
cis-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	ug/L (ppb)	<1	<1	nm
2-Hexanone	ug/L (ppb)	<10	<10	nm
1,3-Dichloropropane	ug/L (ppb)	<1	<1	nm
Tetrachloroethene	ug/L (ppb)	6.6	6.6	0
Dibromochloromethane	ug/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	ug/L (ppb)	<1	<1	nm
Chlorobenzene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
m,p-Xylene	ug/L (ppb)	<2	<2	nm
o-Xylene	ug/L (ppb)	<1	<1	nm
Styrene	ug/L (ppb)	<1	<1	nm
Isopropylbenzene	ug/L (ppb)	<1	<1	nm
Bromoform	ug/L (ppb)	<1	<1	nm
n-Propylbenzene	ug/L (ppb)	<1	<1	nm
Bromobenzene	ug/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	ug/L (ppb)	<1	<1	nm
2-Chlorotoluene	ug/L (ppb)	<1	<1	nm
4-Chlorotoluene	ug/L (ppb)	<1	<1	nm
tert-Butylbenzene	ug/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
sec-Butylbenzene	ug/L (ppb)	<1	<1	nm
p-Isopropyltoluene	ug/L (ppb)	<1	<1	nm
1,3-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,4-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	ug/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	ug/L (ppb)	<1	<1	nm
Hexachlorobutadiene	ug/L (ppb)	<1	<1	nm
Naphthalene	ug/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	ug/L (ppb)	<1	<1	nm

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	62	65	50-136	5
Chloromethane	ug/L (ppb)	50	74	78	55-134	5
Vinyl chloride	ug/L (ppb)	50	85	92	56-144	8
Bromomethane	ug/L (ppb)	50	87	97	58-140	11
Chloroethane	ug/L (ppb)	50	82	89	55-144	8
Trichlorofluoromethane	ug/L (ppb)	50	85	88	54-142	3
Acetone	ug/L (ppb)	50	140	135	52-162	4
1,1-Dichloroethene	ug/L (ppb)	50	90	98	34-135	9
Methylene chloride	ug/L (ppb)	50	78	84	65-112	7
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	95	100	71-119	5
trans-1,2-Dichloroethene	ug/L (ppb)	50	92	101	66-120	9
1,1-Dichloroethane	ug/L (ppb)	50	95	100	65-119	5
2,2-Dichloropropane	ug/L (ppb)	50	107	111	42-143	4
cis-1,2-Dichloroethene	ug/L (ppb)	50	94	99	75-121	5
Chloroform	ug/L (ppb)	50	98	102	63-117	4
2-Butanone (MEK)	ug/L (ppb)	50	116	104	77-125	11
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	105	107	67-116	2
1,1,1-Trichloroethane	ug/L (ppb)	50	104	109	63-124	5
1,1-Dichloropropene	ug/L (ppb)	50	108	107	62-122	1
Carbon Tetrachloride	ug/L (ppb)	50	98	102	63-126	4
Benzene	ug/L (ppb)	50	95	97	55-134	2
Trichloroethene	ug/L (ppb)	50	103	104	75-116	1
1,2-Dichloropropane	ug/L (ppb)	50	105	105	75-118	0
Bromodichloromethane	ug/L (ppb)	50	100	106	69-129	6
Dibromomethane	ug/L (ppb)	50	95	100	68-117	5
4-Methyl-2-pentanone	ug/L (ppb)	50	92	92	68-124	0
cis-1,3-Dichloropropene	ug/L (ppb)	50	111	113	64-123	2
Toluene	ug/L (ppb)	50	95	91	56-140	4
trans-1,3-Dichloropropene	ug/L (ppb)	50	111	108	71-124	3
1,1,2-Trichloroethane	ug/L (ppb)	50	98	97	66-123	1
2-Hexanone	ug/L (ppb)	50	97	90	66-128	7
1,3-Dichloropropane	ug/L (ppb)	50	100	97	71-125	3
Tetrachloroethene	ug/L (ppb)	50	99	96	78-116	3
Dibromochloromethane	ug/L (ppb)	50	100	101	75-122	1
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	97	98	72-124	1
Chlorobenzene	ug/L (ppb)	50	95	95	72-116	0
Ethylbenzene	ug/L (ppb)	50	98	96	76-123	2
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	104	106	69-121	2
m,p-Xylene	ug/L (ppb)	100	98	96	49-166	2
o-Xylene	ug/L (ppb)	50	95	94	68-121	1
Styrene	ug/L (ppb)	50	98	96	72-119	2
Isopropylbenzene	ug/L (ppb)	50	97	97	66-121	0
Bromoform	ug/L (ppb)	50	97	99	70-127	2
n-Propylbenzene	ug/L (ppb)	50	99	94	67-118	5
Bromobenzene	ug/L (ppb)	50	95	95	71-124	0
1,3,5-Trimethylbenzene	ug/L (ppb)	50	96	95	69-116	1
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	88	89	57-128	1
1,2,3-Trichloropropane	ug/L (ppb)	50	88	88	58-126	0
2-Chlorotoluene	ug/L (ppb)	50	96	94	66-116	2
4-Chlorotoluene	ug/L (ppb)	50	97	94	67-117	3
tert-Butylbenzene	ug/L (ppb)	50	96	95	65-121	1
1,2,4-Trimethylbenzene	ug/L (ppb)	50	96	95	69-123	1
sec-Butylbenzene	ug/L (ppb)	50	96	94	70-118	2
p-Isopropyltoluene	ug/L (ppb)	50	97	96	72-120	1
1,3-Dichlorobenzene	ug/L (ppb)	50	95	95	76-114	0
1,4-Dichlorobenzene	ug/L (ppb)	50	94	95	72-113	1
1,2-Dichlorobenzene	ug/L (ppb)	50	94	95	76-115	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	89	87	54-131	2
1,2,4-Trichlorobenzene	ug/L (ppb)	50	98	95	72-123	3
Hexachlorobutadiene	ug/L (ppb)	50	107	103	80-111	4
Naphthalene	ug/L (ppb)	50	85	82	61-137	4
1,2,3-Trichlorobenzene	ug/L (ppb)	50	91	87	74-126	4

Note: The calibration verification result for methylene chloride, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane and naphthalene exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the calibration is considered valid.

Date of Report: 01/22/08
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Project: 2007-234c, F&BI 801049

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

Laboratory Code: 801054-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	<0.05	<0.05	nm
Chloromethane	mg/kg (ppm)	<0.05	<0.05	nm
Vinyl chloride	mg/kg (ppm)	<0.05	<0.05	nm
Bromomethane	mg/kg (ppm)	<0.5	<0.5	nm
Chloroethane	mg/kg (ppm)	<0.5	<0.5	nm
Trichlorofluoromethane	mg/kg (ppm)	<0.5	<0.5	nm
Acetone	mg/kg (ppm)	<0.5	<0.5	nm
1,1-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
Methylene chloride	mg/kg (ppm)	<0.5	<0.5	nm
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	<0.05	<0.05	nm
trans-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
2,2-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
cis-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
Chloroform	mg/kg (ppm)	<0.05	<0.05	nm
2-Butanone (MEK)	mg/kg (ppm)	<0.5	<0.5	nm
1,2-Dichloroethane (EDC)	mg/kg (ppm)	<0.05	<0.05	nm
1,1,1-Trichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
Carbon Tetrachloride	mg/kg (ppm)	<0.05	<0.05	nm
Benzene	mg/kg (ppm)	<0.03	<0.03	nm
Trichloroethene	mg/kg (ppm)	<0.03	<0.03	nm
1,2-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
Bromodichloromethane	mg/kg (ppm)	<0.05	<0.05	nm
Dibromomethane	mg/kg (ppm)	<0.05	<0.05	nm
4-Methyl-2-pentanone	mg/kg (ppm)	<0.5	<0.5	nm
cis-1,3-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
Toluene	mg/kg (ppm)	<0.05	<0.05	nm
trans-1,3-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,2-Trichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
2-Hexanone	mg/kg (ppm)	<0.5	<0.5	nm
1,3-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
Tetrachloroethene	mg/kg (ppm)	<0.025	<0.025	nm
Dibromochloromethane	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dibromoethane (EDB)	mg/kg (ppm)	<0.05	<0.05	nm
Chlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
Ethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	<0.05	<0.05	nm
m,p-Xylene	mg/kg (ppm)	<0.1	<0.1	nm
o-Xylene	mg/kg (ppm)	<0.05	<0.05	nm
Styrene	mg/kg (ppm)	<0.05	<0.05	nm
Isopropylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
Bromoform	mg/kg (ppm)	<0.05	<0.05	nm
n-Propylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
Bromobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,3,5-Trimethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	<0.05	<0.05	nm
1,2,3-Trichloropropane	mg/kg (ppm)	<0.05	<0.05	nm
2-Chlorotoluene	mg/kg (ppm)	<0.05	<0.05	nm
4-Chlorotoluene	mg/kg (ppm)	<0.05	<0.05	nm
tert-Butylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2,4-Trimethylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
sec-Butylbenzene	mg/kg (ppm)	<0.05	<0.05	nm
p-Isopropyltoluene	mg/kg (ppm)	<0.05	<0.05	nm
1,3-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,4-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	<0.05	<0.05	nm
1,2,4-Trichlorobenzene	mg/kg (ppm)	<0.1	<0.1	nm
Hexachlorobutadiene	mg/kg (ppm)	<0.1	<0.1	nm
Naphthalene	mg/kg (ppm)	<0.05	<0.05	nm
1,2,3-Trichlorobenzene	mg/kg (ppm)	<0.1	<0.1	nm

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2.5	101	88	29-163	14
Chloromethane	mg/kg (ppm)	2.5	114	102	28-147	11
Vinyl chloride	mg/kg (ppm)	2.5	120	104	38-143	14
Bromomethane	mg/kg (ppm)	2.5	111	96	32-163	14
Chloroethane	mg/kg (ppm)	2.5	110	94	10-165	16
Trichlorofluoromethane	mg/kg (ppm)	2.5	109	93	22-167	16
Acetone	mg/kg (ppm)	2.5	88	80	20-172	10
1,1-Dichloroethene	mg/kg (ppm)	2.5	73	69	42-140	6
Methylene chloride	mg/kg (ppm)	2.5	75	69	53-137	8
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2.5	91	86	73-122	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	82	70-122	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	87	83	77-114	5
2,2-Dichloropropane	mg/kg (ppm)	2.5	90	84	65-135	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	86	77-120	6
Chloroform	mg/kg (ppm)	2.5	89	85	76-117	5
2-Butanone (MEK)	mg/kg (ppm)	2.5	103	102	52-153	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	87	83	76-116	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	88	83	79-120	6
1,1-Dichloropropene	mg/kg (ppm)	2.5	82	81	76-123	1
Carbon Tetrachloride	mg/kg (ppm)	2.5	87	83	75-126	5
Benzene	mg/kg (ppm)	2.5	82	80	76-118	2
Trichloroethene	mg/kg (ppm)	2.5	83	80	75-121	4
1,2-Dichloropropane	mg/kg (ppm)	2.5	88	86	78-123	2
Bromodichloromethane	mg/kg (ppm)	2.5	95	93	79-126	2
Dibromomethane	mg/kg (ppm)	2.5	92	91	79-121	1
4-Methyl-2-pentanone	mg/kg (ppm)	2.5	96	94	52-151	2
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	92	91	80-127	1
Toluene	mg/kg (ppm)	2.5	83	83	76-122	0
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	92	93	80-126	1
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	86	86	77-121	0
2-Hexanone	mg/kg (ppm)	2.5	103	102	67-126	1
1,3-Dichloropropane	mg/kg (ppm)	2.5	87	87	76-122	0
Tetrachloroethene	mg/kg (ppm)	2.5	86	86	77-124	0
Dibromochloromethane	mg/kg (ppm)	2.5	96	93	73-127	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	88	88	78-126	0
Chlorobenzene	mg/kg (ppm)	2.5	84	82	79-113	2
Ethylbenzene	mg/kg (ppm)	2.5	82	81	77-120	1
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	86	83	79-125	4
m,p-Xylene	mg/kg (ppm)	5	85	83	79-121	2
o-Xylene	mg/kg (ppm)	2.5	88	83	80-123	6
Styrene	mg/kg (ppm)	2.5	90	87	81-124	3
Isopropylbenzene	mg/kg (ppm)	2.5	88	84	79-123	5
Bromoform	mg/kg (ppm)	2.5	78	75	65-124	4
n-Propylbenzene	mg/kg (ppm)	2.5	87	88	77-123	1
Bromobenzene	mg/kg (ppm)	2.5	87	88	78-122	1
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	88	87	79-123	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	87	87	73-121	0
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	84	85	69-123	1
2-Chlorotoluene	mg/kg (ppm)	2.5	85	86	77-120	1
4-Chlorotoluene	mg/kg (ppm)	2.5	86	87	77-121	1
tert-Butylbenzene	mg/kg (ppm)	2.5	89	89	77-124	0
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	88	87	78-123	1
sec-Butylbenzene	mg/kg (ppm)	2.5	88	85	77-122	3
p-Isopropyltoluene	mg/kg (ppm)	2.5	88	87	79-126	1
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	87	85	78-119	2
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	83	82	77-114	1
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	89	87	78-120	2
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	84	81	66-133	4
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	80	78	71-129	3
Hexachlorobutadiene	mg/kg (ppm)	2.5	87	85	65-134	2
Naphthalene	mg/kg (ppm)	2.5	78	76	51-158	3
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	83	81	37-182	2

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: 801053-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	<0.01	<0.01	nm
Chrysene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(b)fluoranthene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(k)fluoranthene	mg/kg (ppm)	<0.01	<0.01	nm
Benzo(a)pyrene	mg/kg (ppm)	<0.01	<0.01	nm
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	<0.01	<0.01	nm
Dibenz(a,h)anthracene	mg/kg (ppm)	<0.01	<0.01	nm

Laboratory Code: 801053-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.17	<0.01	73	17-134
Chrysene	mg/kg (ppm)	0.17	<0.01	81	10-157
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	<0.01	73	37-123
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	<0.01	87	28-134
Benzo(a)pyrene	mg/kg (ppm)	0.17	<0.01	71	55-115
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	<0.01	68	61-104
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	<0.01	75	69-100

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.17	81	81	58-108	0
Chrysene	mg/kg (ppm)	0.17	90	90	64-115	0
Benzo(b)fluoranthene	mg/kg (ppm)	0.17	87	89	54-111	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.17	94	93	54-119	1
Benzo(a)pyrene	mg/kg (ppm)	0.17	76	74	61-123	3
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.17	78	74	46-126	5
Dibenz(a,h)anthracene	mg/kg (ppm)	0.17	86	82	57-119	5

Note: The calibration verification result for indeno(1,2,3-cd)pyrene exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the initial calibration is considered valid.

Date of Report: 01/22/08
Date Received: 01/04/08
Project: 2007-234c, F&BI 801049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	ug/L (ppb)	5	86	77	65-102	11
Chrysene	ug/L (ppb)	5	88	79	66-103	11
Benzo(b)fluoranthene	ug/L (ppb)	5	95	84	68-116	12
Benzo(k)fluoranthene	ug/L (ppb)	5	94	84	70-117	11
Benzo(a)pyrene	ug/L (ppb)	5	94	85	64-116	10
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	5	93	83	63-122	11
Dibenz(a,h)anthracene	ug/L (ppb)	5	93	85	66-116	9

Note: The calibration verification result for indeno(1,2,3-cd)pyrene exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the initial calibration is considered valid.

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 probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

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

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

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

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

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

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

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

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

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

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

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

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

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

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

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

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

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

801049

SAMPLE CHAIN OF CUSTODY

ME 01-04-08 VS2/VI/AOS/AI6

Page # 1 of 2

Send Report To Jason Cass
Company THE RILEY GROUP, INC.
Address 17522 BOTHELL WY NE STE A
City, State, ZIP BOTHELL, WA 98011
Phone # 425-415-0551 Fax # 425-415-0311

SAMPLERS (signature)

PROJECT NAME/NO. 2007-234c

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	VOCs by 8260	SVOCs by 8270	HFS						Notes
B1-4	01	1/2/08	845	Soil	1												
B1-8	02		850		1	A											
B1-10	03		900		1												
B2-4	04		1020		1	A											
B2-8	05		1035		1												
B3-4	06		1315		1	A											
B3-8	07		1325		1												
B3-10	08	"	1330		1												
B4-4	09 A-E	1/3/08	940		5				A								
B8-4	10 A-F	"	1110	"	6	A	A	A	A								No VOCs

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	1/4/08	16:35
Received by:		Eric Young	F&B	1/4/08	16:55
Relinquished by:					
Received by:					

Samples received at 4 °C

FORMS\COC\COC.DOC

801049

SAMPLE CHAIN OF CUSTODY ME 01-04-08

VS2/V1/AO5/AI6

Page # 2 of 2

Send Report To Jason Cass
Company THE RILEY GROUP, INC.
Address 17522 BOTHELL WY NE STE A
City, State, ZIP BOTHELL, WA 98011
Phone # 425-415-0551 Fax # 425-415-0311

SAMPLERS (signature)

PROJECT NAME/NO. 2007-234C

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	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	MTCA 5 Metals					Notes
						ANALYSES REQUESTED											
BE-8	11 A-F	1/3/08	1120	Soil	6				X								
BE-H2O	12A-H		1140	Water	8	X	X	X	X	X							8270 cPAH
BE-H2O-F	13		1145	Water	1							X					
BG-2	14A-E		1215	Soil	~~5~~	X				X		X					8270 cPAH
BG-4	15 A-F		1215		6												
BG-8	16 A-F		1225		6	X	X	X	X								
BG-12	17 A-F	X	1230	X	6												

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Jason Cass	Jason Cass	RGF	1/4/09	16:35
Received by:	Eric Young	F&B	1/4/09	16:35
Relinquished by:				
Received by:				

Samples received at 4 °C

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

January 28, 2008

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 January 16, 2008 from the 2007-234C, F&BI 801161 project. There are 19 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
TRG0128R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 16, 2008 by Friedman & Bruya, Inc. from the The Riley Group, Inc. 2007-234C, F&BI 801161 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group, Inc.
801161-01	MW-4
801161-02	MW-6
801161-03	MW-7

The 200.8 dissolved metals samples were received with acid preservative before filtration. Therefore, total metals were reported. All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161
Date Extracted: 01/17/08
Date Analyzed: 01/17/08

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)
MW-7 d 801161-03 1/5	61	29	46	45	5,500	120
Method Blank	<1	<1	<1	<3	<100	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161
Date Extracted: 01/22/08
Date Analyzed: 01/23/08

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 50-150)
MW-6 dv 801161-02	<93	<460	105
Method Blank	<50	<250	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW-4	Client:	The Riley Group, Inc.
Date Received:	01/16/08	Project:	2007-234C, F&BI 801161
Date Extracted:	01/21/08	Lab ID:	801161-01
Date Analyzed:	01/21/08	Data File:	801161-01.060
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	97	60	125
Indium	98	60	125
Bismuth	114	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	2.44
Arsenic	2.88
Cadmium	<1
Lead	8.98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW-7	Client:	The Riley Group, Inc.
Date Received:	01/16/08	Project:	2007-234C, F&BI 801161
Date Extracted:	01/21/08	Lab ID:	801161-03
Date Analyzed:	01/21/08	Data File:	801161-03.061
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	101	60	125
Indium	98	60	125
Bismuth	102	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	2.12
Arsenic	10.8
Cadmium	<1
Lead	2.83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	NA	Project:	2007-234C, F&BI 801161
Date Extracted:	01/21/08	Lab ID:	I8-021 mb
Date Analyzed:	01/21/08	Data File:	I8-021 mb.048
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	hr

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	91	60	125
Indium	96	60	125
Bismuth	122	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161
Date Extracted: 01/21/08
Date Analyzed: 01/22/08

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Total Mercury
MW-4 801161-01	<0.2
MW-7 801161-03	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-4	Client:	The Riley Group, Inc.
Date Received:	01/16/08	Project:	2007-234C, F&BI 801161
Date Extracted:	01/21/08	Lab ID:	801161-01
Date Analyzed:	01/21/08	Data File:	012109.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	92	55	118
1,2-Dichloroethane-d4	93	53	121
Toluene-d8	88	55	121
4-Bromofluorobenzene	104	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	9.8	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	7.3	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	63	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	1.0	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	140	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	1.6
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

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:	2007-234C, F&BI 801161
Date Extracted:	01/21/08	Lab ID:	080080 mb
Date Analyzed:	01/21/08	Data File:	012112.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	90	55	118
1,2-Dichloroethane-d4	93	53	121
Toluene-d8	90	55	121
4-Bromofluorobenzene	101	29	181

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	8.8 lc	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	MW-4	Client:	The Riley Group, Inc.
Date Received:	01/16/08	Project:	2007-234C, F&BI 801161
Date Extracted:	01/17/08	Lab ID:	801161-01
Date Analyzed:	01/18/08	Data File:	011820.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	108	50	150
Benzo(a)anthracene-d12	84	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	The Riley Group, Inc.
Date Received:	Not Applicable	Project:	2007-234C, F&BI 801161
Date Extracted:	01/17/08	Lab ID:	080076mb2
Date Analyzed:	01/18/08	Data File:	011818.D
Matrix:	Water	Instrument:	GCMS6
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	114	50	150
Benzo(a)anthracene-d12	89	50	129

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(a)pyrene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

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: 801143-01 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	95	65-118
Toluene	ug/L (ppb)	50	102	72-122
Ethylbenzene	ug/L (ppb)	50	101	73-126
Xylenes	ug/L (ppb)	150	104	74-118
Gasoline	ug/L (ppb)	1,000	97	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

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	92	107	70-130	15

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

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

Laboratory Code: 801114-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	2.79	3.43	21 a	0-20
Arsenic	ug/L (ppb)	3.92	3.92	0	0-20
Cadmium	ug/L (ppb)	<1	<1	nm	0-20
Lead	ug/L (ppb)	1.37	1.80	27 a	0-20

Laboratory Code: 801114-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	2.79	108	50-150 vo
Arsenic	ug/L (ppb)	10	3.92	98 b	50-150
Cadmium	ug/L (ppb)	5	<1	100	50-150
Lead	ug/L (ppb)	10	1.37	104	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	108	70-130 vo
Arsenic	ug/L (ppb)	10	78	70-130
Cadmium	ug/L (ppb)	5	96	70-130
Lead	ug/L (ppb)	10	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 801161-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MS	Acceptance Criteria	RPD (Limit 20)
Mercury	ug/L (ppb)	0.5	<0.2	108	110	50-150	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	ug/L (ppb)	0.5	103	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

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

Laboratory Code: 801188-09 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	<1	<1	nm
Chloromethane	ug/L (ppb)	<1	<1	nm
Vinyl chloride	ug/L (ppb)	<0.2	<0.2	nm
Bromomethane	ug/L (ppb)	<1	<1	nm
Chloroethane	ug/L (ppb)	<1	<1	nm
Trichlorofluoromethane	ug/L (ppb)	<1	<1	nm
Acetone	ug/L (ppb)	<10	<10	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
2,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
cis-1,2-Dichloroethene	ug/L (ppb)	<1	<1	nm
Chloroform	ug/L (ppb)	<1	<1	nm
2-Butanone (MEK)	ug/L (ppb)	<10	<10	nm
1,2-Dichloroethane (EDC)	ug/L (ppb)	<1	<1	nm
1,1,1-Trichloroethane	ug/L (ppb)	<1	<1	nm
1,1-Dichloropropene	ug/L (ppb)	<1	<1	nm
Carbon Tetrachloride	ug/L (ppb)	<1	<1	nm
Benzene	ug/L (ppb)	<1	<1	nm
Trichloroethene	ug/L (ppb)	<1	<1	nm
1,2-Dichloropropane	ug/L (ppb)	<1	<1	nm
Bromodichloromethane	ug/L (ppb)	<1	<1	nm
Dibromomethane	ug/L (ppb)	<1	<1	nm
4-Methyl-2-pentanone	ug/L (ppb)	<10	<10	nm
cis-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	ug/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	ug/L (ppb)	<1	<1	nm
2-Hexanone	ug/L (ppb)	<10	<10	nm
1,3-Dichloropropane	ug/L (ppb)	<1	<1	nm
Tetrachloroethene	ug/L (ppb)	<1	<1	nm
Dibromochloromethane	ug/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	ug/L (ppb)	<1	<1	nm
Chlorobenzene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
m,p-Xylene	ug/L (ppb)	<2	<2	nm
o-Xylene	ug/L (ppb)	<1	<1	nm
Styrene	ug/L (ppb)	<1	<1	nm
Isopropylbenzene	ug/L (ppb)	<1	<1	nm
Bromoform	ug/L (ppb)	<1	<1	nm
n-Propylbenzene	ug/L (ppb)	<1	<1	nm
Bromobenzene	ug/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	ug/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	ug/L (ppb)	<1	<1	nm
2-Chlorotoluene	ug/L (ppb)	<1	<1	nm
4-Chlorotoluene	ug/L (ppb)	<1	<1	nm
tert-Butylbenzene	ug/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	ug/L (ppb)	<1	<1	nm
sec-Butylbenzene	ug/L (ppb)	<1	<1	nm
p-Isopropyltoluene	ug/L (ppb)	<1	<1	nm
1,3-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,4-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dichlorobenzene	ug/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	ug/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	ug/L (ppb)	<1	<1	nm
Hexachlorobutadiene	ug/L (ppb)	<1	<1	nm
Naphthalene	ug/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	ug/L (ppb)	<1	<1	nm

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

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	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	89	91	50-136	2
Chloromethane	ug/L (ppb)	50	87	94	55-134	8
Vinyl chloride	ug/L (ppb)	50	97	103	56-144	6
Bromomethane	ug/L (ppb)	50	96	103	58-140	7
Chloroethane	ug/L (ppb)	50	98	103	55-144	5
Trichlorofluoromethane	ug/L (ppb)	50	122	123	54-142	1
Acetone	ug/L (ppb)	50	117	94	52-162	22 vo
1,1-Dichloroethene	ug/L (ppb)	50	83	84	34-135	1
Methylene chloride	ug/L (ppb)	50	65	71	65-112	9
trans-1,2-Dichloroethene	ug/L (ppb)	50	89	86	66-120	3
1,1-Dichloroethane	ug/L (ppb)	50	95	89	65-119	7
2,2-Dichloropropane	ug/L (ppb)	50	100	100	42-143	0
cis-1,2-Dichloroethene	ug/L (ppb)	50	89	87	75-121	2
Chloroform	ug/L (ppb)	50	94	90	63-117	4
2-Butanone (MEK)	ug/L (ppb)	50	111	98	77-125	12
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	101	97	67-116	4
1,1,1-Trichloroethane	ug/L (ppb)	50	96	96	63-124	0
1,1-Dichloropropene	ug/L (ppb)	50	99	92	62-122	7
Carbon Tetrachloride	ug/L (ppb)	50	96	95	63-126	1
Benzene	ug/L (ppb)	50	91	88	55-134	3
Trichloroethene	ug/L (ppb)	50	95	90	75-116	5
1,2-Dichloropropane	ug/L (ppb)	50	95	94	75-118	1
Bromodichloromethane	ug/L (ppb)	50	97	95	69-129	2
Dibromomethane	ug/L (ppb)	50	92	92	68-117	0
4-Methyl-2-pentanone	ug/L (ppb)	50	99	98	68-124	1
cis-1,3-Dichloropropene	ug/L (ppb)	50	98	97	64-123	1
Toluene	ug/L (ppb)	50	109	97	56-140	12
trans-1,3-Dichloropropene	ug/L (ppb)	50	118	109	71-124	8
1,1,2-Trichloroethane	ug/L (ppb)	50	106	99	66-123	7
2-Hexanone	ug/L (ppb)	50	132 vo	117	66-128	12
1,3-Dichloropropane	ug/L (ppb)	50	107	100	71-125	7
Tetrachloroethene	ug/L (ppb)	50	108	100	78-116	8
Dibromochloromethane	ug/L (ppb)	50	110	105	75-122	5
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	106	101	72-124	5
Chlorobenzene	ug/L (ppb)	50	102	97	72-116	5
Ethylbenzene	ug/L (ppb)	50	107	100	76-123	7
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	101	98	69-121	3
m,p-Xylene	ug/L (ppb)	100	103	97	49-166	6
o-Xylene	ug/L (ppb)	50	103	99	68-121	4
Styrene	ug/L (ppb)	50	103	98	72-119	5
Isopropylbenzene	ug/L (ppb)	50	105	100	66-121	5
Bromoform	ug/L (ppb)	50	109	105	70-127	4
n-Propylbenzene	ug/L (ppb)	50	115	108	67-118	6
Bromobenzene	ug/L (ppb)	50	105	100	71-124	5
1,3,5-Trimethylbenzene	ug/L (ppb)	50	109	105	69-116	4
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	108	104	57-128	4
1,2,3-Trichloropropane	ug/L (ppb)	50	111	106	58-126	5
2-Chlorotoluene	ug/L (ppb)	50	109	104	66-116	5
4-Chlorotoluene	ug/L (ppb)	50	111	105	67-117	6
tert-Butylbenzene	ug/L (ppb)	50	106	103	65-121	3
1,2,4-Trimethylbenzene	ug/L (ppb)	50	108	103	69-123	5
sec-Butylbenzene	ug/L (ppb)	50	109	105	70-118	4
p-Isopropyltoluene	ug/L (ppb)	50	111	107	72-120	4
1,3-Dichlorobenzene	ug/L (ppb)	50	104	100	76-114	4
1,4-Dichlorobenzene	ug/L (ppb)	50	101	97	72-113	4
1,2-Dichlorobenzene	ug/L (ppb)	50	101	98	76-115	3
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	117	112	54-131	4
1,2,4-Trichlorobenzene	ug/L (ppb)	50	114	108	72-123	5
Hexachlorobutadiene	ug/L (ppb)	50	117 vo	110	80-111	6
Naphthalene	ug/L (ppb)	50	114	109	61-137	4
1,2,3-Trichlorobenzene	ug/L (ppb)	50	120	114	74-126	5

Date of Report: 01/28/08
Date Received: 01/16/08
Project: 2007-234C, F&BI 801161

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	ug/L (ppb)	5	79	82	68-101	4
Acenaphthylene	ug/L (ppb)	5	87	88	70-109	1
Acenaphthene	ug/L (ppb)	5	82	85	69-104	4
Fluorene	ug/L (ppb)	5	91	93	68-111	2
Phenanthrene	ug/L (ppb)	5	81	83	66-106	2
Anthracene	ug/L (ppb)	5	83	86	67-112	4
Fluoranthene	ug/L (ppb)	5	88	92	69-116	4
Pyrene	ug/L (ppb)	5	87	92	68-115	6
Benz(a)anthracene	ug/L (ppb)	5	82	83	65-102	1
Chrysene	ug/L (ppb)	5	85	85	66-103	0
Benzo(b)fluoranthene	ug/L (ppb)	5	92	90	68-116	2
Benzo(k)fluoranthene	ug/L (ppb)	5	88	93	70-117	6
Benzo(a)pyrene	ug/L (ppb)	5	89	91	64-116	2
Indeno(1,2,3-cd)pyrene	ug/L (ppb)	5	92	88	63-122	4
Dibenz(a,h)anthracene	ug/L (ppb)	5	91	90	66-116	1
Benzo(g,h,i)perylene	ug/L (ppb)	5	88	89	66-114	1

Note: The calibration verification result for anthracene-d10 exceeded 15% deviation. The average deviation for all compounds was not greater than 15%; therefore, the initial calibration is considered valid.

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 probablility.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

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

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

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

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

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

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

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

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

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

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

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

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

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

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

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

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

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